

REPORT
ON THE
SANITARY ADMINISTRATION
OF THE PUNJAB
AND
PROCEEDINGS OF THE SANITARY BOARD
FOR THE YEAR 1908.

BY
MAJOR E. WILKINSON, F. R. C. S., D. P. H. CANB., I. M. S.,
Officiating Sanitary Commissioner, Punjab.

AND
THE REPORT ON SANITARY WORKS
FOR 1908.

BY
Mr. H. M. BAINES,
Sanitary Engineer, Punjab.

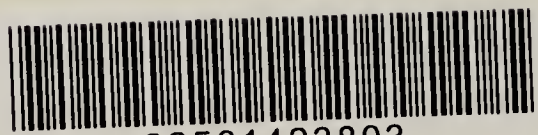


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Section II.—European Army.

No Remarks.

Section III.—Native Army.

No Remarks.

Section IV.—Jails.


No Remarks.

Section VII.—Vaccination.

(Separate report).

Section VIII.—Sanitary Works, Military

No Remarks.



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(The text of the Sanitary Report is limited to 20 pages and that of the Sanitary Engineer to 4 pages.)

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READ—

The Report on the Sanitary Administration of the Punjab for the year 1908 by Major E. Wilkinson, I.M.S., officiating Sanitary Commissioner, Punjab.

REMARKS.—With the exception of the month of April, the spring of 1908 was marked by a deficiency in rainfall. Unusually heavy rains fell in July and August, and in September there was an extraordinarily heavy fall of rain in the western districts. The salient features of the year were a marked decrease in the plague and a severe outbreak of malarial fever in the autumn. Scarcity conditions continued to prevail, thus aggravating the mortality from malaria and causing a rise in the rate of wages in the latter half of the year. It has been ascertained that the rates of wages of able-bodied agricultural labourers quoted in paragraph 3 of the report represent, in some cases, daily wages, and, in others, monthly wages. In some instances also supplements in kind have been left out of consideration. The present system of collecting these data possesses inherent defects and is being superseded this year by a systematic quinquennial enquiry in rural tracts. The true monthly rates in the Punjab would probably range from Rs. 7 to Rs. 9.

2. The birth-rate showed some improvement on 1907, being 41·8 per mille as against 40·8 per mille in the previous year. The increase may be partly ascribed to the freedom from malarial conditions of the previous autumn. Given a corresponding number of deaths from malaria and plague, the population is much more widely incapacitated by the former disease, the case mortality in malaria being considerably smaller.

3. The death-rate (50·73) was higher than in any year in the previous decade with the exception of 1907, when owing to grievous mortality from plague it attained to the high figure of 62·1 per mille. It exceeded the birth-rate by 8·93, which is an improvement on the previous year, when the excess was as much as 21·3 per mille. Of the large cities Amritsar had the unenviable notoriety of showing the highest death-rate, being 94·67 per mille. It is hoped that the new appointment of Health Officer will do much to improve the sanitation of Amritsar.

4. Cholera was unusually prevalent during the year, the deaths amounting to 61 per mille, very nearly three times as high as the rate for the past five years. The outbreak of cholera was primarily traceable to the fairs held at Katás and Jawálámukhi. A further outbreak was traced to a pilgrim returning from Hardwár. Later on in the year there was a severe outbreak at the Naina Devi fair in the Biláspur State, whence the disease spread to Ambála and Hoshiárpur. The worst of these outbreaks was the one at Katás, to which as many as 6,000 deaths were ascribed. Special precautions were taken at the fair during the current year, with the result that the local authorities were congratulated on the measures taken. Sir Louis Dane, however, is of opinion that more attention should be paid to these constant outbreaks of plague at religious gatherings and fairs. It should be possible to do more, now that more money and attention are being devoted to sanitation, so to arrange the water-supply and the bathing arrangements as to prevent contamination. The outbreak at Katás was most disastrous, and district officers should take warning. The result of an outbreak at Hardwár in the spring of the present year is that the disease is still claiming its victims in the Punjab.

5. Small-pox shows a mortality of 28,652, or a death-rate of 1·42 per mille, which is more than double the quinquennial average of 0·54. It is noticeable that in the towns in which the compulsory Vaccination Act have been extended the death-rate was 1·71 as contrasted with 2·44 in those in which the Act is not in force. Now that vaccination has been placed in the hands of local bodies, it may be hoped that this prophylactic will become more popular.

6. Only a small portion of the total mortality was due to the plague; the death-rate from this cause being only slightly higher than that from small-pox. Measures continue to be taken, though little popular enthusiasm is aroused. The plague staff are as devoted as ever, and the Lieutenant-Governor fully recognizes that the work of the staff cannot be entirely judged by results. In Sir Louis Dane's opinion the decrease in mortality can neither be attributed to inoculation, nor to the destruction of rats, nor, seeing that in this year also the mortality has kept low following a year of heavy autumnal rainfall and during a wet spring, to the absence of rainfall in the autumn of 1907. The probability is that the disease is working itself out. Sad as is the tale of victims, it is not too much to hope that the scourge is, under divine Providence, being gradually removed from the land.

7. The principal feature of the year was the severe outbreak of malaria during the closing months. The death-rate from fevers rose to 34.66, which has only twice been exceeded—in 1890 and 1892, when it was 38.05 and 34.83 respectively. Both these years were marked by great scarcity, coupled with a heavy monsoon rainfall. During the last four months of 1908 there were no less than 460,000 deaths from fever. If the case mortality be taken at 10 per cent. (which is a high estimate), there must have been 4,600,000 persons suffering from malaria, or more than one-quarter of the population of the province. Strenuous efforts were made to carry through the distribution of quinine to the very homes of the people. Itinerating dispensaries were organized. The services of the plague staff, of school masters, native druggists, village headmen and Government officials were taken full advantage of. Where a system of regular weekly or bi-weekly dosage was introduced the results were most satisfactory and an almost complete immunity from fever was secured. Sir Louis Dane urges on all concerned the cardinal importance of taking the necessary measures to meet a calamity such as last year's, which disorganized the whole province, with a distributing agency fully equipped and minutely organized. In the case of a great malarial outbreak foresight is everything, and plans laid down in times of freedom from sickness may prove the means of saving thousands of lives.

8. The sum of one lakh of rupees was placed at the disposal of the Sanitary Board for distribution to municipalities during the financial year of 1908-09. Allotments of some Rs. 69,000 were actually made during 1908, and during the year power was delegated to the Sanitary Board to allot with the approval of Government grants up to a total of Rs. 50,000 per annum to district boards.

9. The Lieutenant-Governor is much indebted to Majors Wilkinson and Perry, and to Messrs. Goument, Bagley and Baines for the care and attention which they have bestowed on this most important question of sanitation during the year under report.

ORDER.—Ordered that a copy of the foregoing remarks be circulated with the report, and be furnished with the usual number of copies of the report to the Government of India; also that the review be published in the *Punjab Government Gazette*.

Ordered also that a copy be forwarded to the Sanitary Commissioner, Punjab, for information.

By order of His Honour the Lieutenant-Governor,

H. P. TOLLINTON,

Offg. Secretary to Government, Punjab.

PRINTERS' MISTAKES.

1. Page 4, paragraph 17, marginal note, for "Annual Forms Nos. V, A and B" read "Annual Forms Nos. VI A and B."
2. Page 8, paragraph 28, line 6, for "Shahabad 799" read "Shahabad 7'99."
3. Statement A, Delhi Station, sub-column 5, for "103" read "10 03."
4. Appendix C, Dalhousie town, sub-column 11, for "2" read "2'4."
5. Annual Form No. I, Total for the Province, sub-column 4, for "931043" read "9310435."
6. Annual Form No. II, District Jhelum, sub-column 7, for "49816" read "498176."
7. Annual Form No. III, District Lyallpur, sub-column 7, for "29" read "2,958."
8. Annual Form No. IV, District Ludhiana, sub-column 18, against plague, for "585" read "580."
9. Annual Form No. IV, District Gujranwala, sub-column 10, against Respiratory Diseases, for "2" read "28."
10. Annual Form No. IV, District Rawalpindi, sub-column 11, against fevers, for "34" read "334."
11. Annual Form No. VI B. Towns:—Delhi town, sub-column 22, for "212'06" read "12'06."
12. Annual Form No. VI B. Towns:—Kaithal town in the Karnal District, sub-column 16, for "84" read "840."
13. Annual Form No. VI B. Towns:—Panipat town in the Karnal District, sub-column 19 for "1'5" read "1'52."
14. Annual Form No. VI B. Towns:—Shahabad town in the Karnal District, sub-column 19, for "11'7" read "11'17."
15. Annual Form No. VI B. Towns:—Una town in the Hoshiarpur District, sub-column 16, for "29" read "209."
16. Annual Form No. VI B. Towns:—Jhang-Maghiana town in the Jhang District, sub-column 22, for "33" read "2'33."
17. Annual form No. VI B. Towns:—Total sub-column 20, for "3'253" read "32'53."
18. Annual Form No. IX, District Jullundur, sub-column 12, for "11029" read "1029."
19. Annual Form No. IX, District Lahore, sub-column 6, for "153" read "1530."
20. Annual Form No. IX, District Dera Ghazi Khan, sub-column 6, for "63" read "630."
21. Annual Form No. X, District Montgomery, sub-column 14, for "2" read "12."
22. Annual Form No. XII, Total for the Province, sub-column 25, for "16'2" read "16'28."

ERRATA.

1. Page 4, paragraph 16, lines 3 and 4, for "Lahore 58'2" read "Lahore 58'1" and for "Shahpur 53'4" read "Shahpur 53'3."
2. Page 5, paragraph 24, line 10, after 162 insert "to."
3. Page 8, paragraph 28, line 4, for "18 over and under 2" read "18 over one and under 2."
4. Page 17, paragraph 50, line 16, after Dhera Tehsil add "at a cost of Rs. 4,000 by Rupa Mal, son of Nihal Mal sud of Paragpur village, Dehra Tehsil; and in line 32 for "Rs. 15,000" read "Rs. 1,500."
5. Annual Form No. IV, District Kangra, sub-column 18, against Respiratory Diseases, for "176" read "178."
6. Annual Form No. IV, District Kangra, sub-column 25, against fevers, for "9397" read "9399."
7. Annual Form No. IV, District Kangra, sub-column 26, against fevers, for "9393" read "9395."
8. Annual Form No. IV, District Kangra, sub-column 26, against Respiratory Diseases, for "923" read "925."
9. Annual Form No. IV, Population, sub-column 12, for "1016920" read "1016921."
10. Annual Form No. IV, Population, sub-column 20, for "940700" read "940706."
11. Annual Form No. IV, Ratio per 1,000 living for the Province, sub-column 13, against Dysentery and Diarrhoea for "0'52" read "0'53."
12. Annual Form No. VI B. Towns:—Leiah town in the Mianwali District, sub-column 25, for "65'67" read "65'07."
13. Annual Form No. VI B. Towns:—Isa Khel town in the Mianwali District, sub-column 26, for "36'50" read "26'50."
14. Annual Form No. VII, District Ludhiana, sub-column 19, for "209" read "208."
15. Annual Form No. VII, District Montgomery, sub-column 22, for "1'05" read "0'05."
16. Statement No. I, Native States, Maler Kotla, sub-column 10, for "535" read "585."
17. Statement No. I, Native States, Total, sub-column 8, for "1964" read "1946."

Section I.

The following is the brief summary of the chief meteorological features of the Punjab for the year 1908, furnished by Gilbert T. Walker, Esquire, M.A., Sc.D., F.R.S., Director-General of Meteorological features. Observatories.

During the winter months of January and February 1908 there were only two periods of disturbed weather which caused precipitation in the Punjab, and rainfall was in consequence in general defect. These periods were both followed by a cold wave of moderate severity, the effects of the first lasting from the 11th to 17th January and of the second from the 2nd to the 6th February, but on the mean of the whole period temperature was somewhat higher than usual. April was a very wet month, a depression from the west initiating a protracted period of unsettled weather which lasted from the 4th to the 13th during the greater part of which time temperature was considerably below normal. March and May were however drier than usual, the number of duststorms and thunderstorms in the latter month being much below the average. Weather during the period March to May was on the whole not quite so hot as usual.

There were two incursions of monsoon winds into the Punjab in June, but the monsoon was not fairly established in the province until the first week of July, and temperature in June was in consequence higher than usual. The Arabian Sea branch of the monsoon current was deflected to an unusual extent towards north-west India during the months of July and August, and the rainfall of these two months in the Punjab was considerably above the average. As might be expected humidity and cloud were in excess and temperature in defect. The first week in September was marked by unprecedentedly heavy rainfall in the western districts, and at Multan and Khushab the amount recorded during this period was more than ten times the normal quantity for the whole month. The following figures give the actual as compared with the normal rainfall for September at a few stations (see margin).

| | Actual. | Normal. |
|-------------|---------|---------|
| Multan ... | 3.36 | 0.32 |
| Khushab... | 6.98 | 0.54 |
| Sialkot ... | 9.31 | 2.83 |
| Montgomery | 3.17 | 0.87 |

In the East Punjab there was hardly any rain during the whole of September. The burst of rain in the western districts practically terminated the monsoon as far as the Punjab was concerned, but it left its impress on the humidity records of those regions for a long time after, an excess in humidity being shown up to December when it gradually disappeared. Practically no rain fell in the months of October, November and December. Temperature was in defect in October and normal in November and December.

2. Owing to a short kharif and rabi harvest in 1907-08 prices ruled high throughout the year, though the prices of food grains other than wheat and gram fell slightly after the kharif of 1908. The return furnished by Mr. W. C. Renouf, C.S., Director of Agriculture, Punjab, shows that wheat was selling at Delhi, Lahore, Multan and Rawalpindi throughout the year at a very high rate varying between 7 and 10 seers per rupee, barley from 10 to 14 seers, jowar and bajra from $8\frac{1}{2}$ to $15\frac{1}{2}$ seers, maize from 8 to 15 seers and gram from 9 to 12 seers.

3. The wages of an able-bodied agricultural labourer ranged from Rs. 4 to Rs. 6 per mensem in Dera Ghazi Khan, Muzaffargarh, Jhang and Gurgaon, to rates as high as Rs. 12 per mensem in Ludhiana, Gujrat and Shahpur, and Rs. 15 per mensem in Ambala, Lahore, and Sialkot during the first half of the year. There was a steady decrease of wages in the Jhang district as compared with the first half year of 1907, viz., Rs. 6-9 as against Rs. 18-12 per mensem. In the case of masons, carpenters and blacksmiths, the lowest wages ranged from Rs. 15 to Rs. 20 per mensem in the districts of Hissar, Rohtak, Gurgaon, Karnal, Kangra, Muzaffargarh, Dera Ghazi Khan and Hoshiarpur; and the highest rates from Rs. 30 to 33-12 per mensem in the districts of Ludhiana, Ferozepore, Montgomery, Lahore, Sialkot, Shahpur, Rawalpindi, Jhang, Gujranwala and Lyallpur. During the second half of the year there was a marked rise in wages in certain districts due chiefly to famine and scarcity and demand for men for repairing houses that had collapsed during the heavy rains and the prevalence of malarial fevers. In Gujranwala the increase in wages is attributed to mortality among labourers from plague.

Section V.—Vital Statistics.

4. The population of the Punjab to which the statistics in this report relate is that of the census of 1901, namely, 20,108,690. In considering these statistics, however, and especially when basing comparisons upon them, it is necessary to bear in mind that the actual population in 1908 differed very considerably from that at the census. The number of deaths registered in the Punjab between March 1st, 1901, and February 28th, 1908, exceeded the births by 635,232, and in the absence of any compensating factor, the population on the latter date may, therefore, be estimated as 19,473,458 or less by 3.16 per cent. than at the census. Calculated in this manner, the population of Ludhiana district shews a decrease of 18.44 per cent., of Ambala 15.06, of Jullundur and Gujranwala of over 10, of Rohtak, Amritsar, Gurdaspur and Sialkot of about 8, and of Delhi, Karnal, Hoshiarpur, Ferozepore, Lahore and Shahpur, between 3 and 6. The population of the Simla district shews a diminution of 2.34 per cent., Gurgaon 2.72 and Gujrat 2.30. The districts, the population of which has increased, are either such as have escaped serious visitation of plague such as Multan, or, as Lyallpur, have been foci of extensive immigration. The percentage of increase of the population of these districts is as follows:—Lyallpur 15.31, Multan 12.53, Montgomery 10.45, Mianwali, Jhang and Muzaffargarh over 8, Dera Ghazi Khan 6.14 and Hissar 1.24. There was a very slight increase, 0.54, in the population of Kangra and of 0.06 in the combined populations of the Jhelum, Rawalpindi and Attock districts. Owing to changes in the boundaries of these three districts separate figures for each cannot be given.

5. The most prominent features of the vital statistics of the Punjab during 1908 were the very great reduction in the mortality from plague, as compared with recent years, especially 1907, and the great increase in the mortality from fevers. The total number of deaths from all causes was 1,020,125, corresponding to a death-rate of 50.73 *per mille per annum*. These figures, both actual and relative, are greater than have been recorded for any previous year except 1907.

This great mortality was due chiefly to fevers, 697,058 deaths having been registered as so caused during the year. Of these, 460,108 occurred during the last four months of the year, when a serious outbreak of malaria followed a very heavy monsoon rainfall and consequent floods in many districts.

The mortality from fevers will be further considered under its proper heading. In view, however, of the extent to which plague has figured in the mortality statistics of recent years, it is well to recall here that serious as has been the mortality from this disease since it became widespread in the province, it has not been nearly as serious as that from fevers. In only two years, namely 1904 and 1907, have the number of deaths from plague exceeded those from fevers, while the high mortality of the culminating plague epidemic of 1907 has been exceeded not only during the present year but in several others by that from fevers. In last year's report it was mentioned that in the six years then completed, no less than 1,808,415 deaths had been registered as due to plague, of which 608,685 had occurred in 1907. In the same six years, however, the number of deaths from fevers amounted to 2,544,470, while in 1908 the deaths from fevers exceeded by 88,373 those due to plague in 1907.

With the single exception of plague, all diseases caused during 1908 a higher mortality both than in 1907 and in the quinquennium then completed. This was especially the case as regards cholera and small-pox, the rates for which are as follows:—In 1908 the cholera death-rate was 0.61 *per mille*, in 1907, 0.02 and in the quinquennium, 0.22. The corresponding figures for small-pox are 1.42, 0.55 and 0.54.

6. **Births.**—The total number of births registered in the Punjab in 1908 amounted to 840,061, yielding a rate of 41.8 *per mille* of the population according to the census of 1901. This

rate shows an increase of 1·00 over that for the previous year and a decrease of 0·8 compared with the average of the previous five years. The increase in the birth-rate may be accounted for by the fact that there was no epidemic of malaria in the autumn of 1907.

7. The Central Provinces had the highest birth-rate, namely, 52·84 *per mille*, the Punjab coming next with 41·8. The rates in the other provinces were:—Eastern Bengal and Assam 41·14, United Provinces 37·46, North-West Frontier Province 37·30, Bengal 36·09, Bombay 35·72, Burma 34·84 and Madras 32·4.

8. The birth-rate in 1908 showed an increase over the quinquennial average in ten districts. The increase varied in different districts but was most marked in Lyallpur where it was 11·1 greater than the average. The districts of Hissar, Karnal, Ferozepore, Shahpur, Mianwali, Lyallpur, Multan, Muzaffargarh and Dera Ghazi Khan showed an increase both over the quinquennial average and the figures for 1907. In Montgomery the birth-rate was stationary.

9. The highest birth-rate in 1908 was recorded in Lyallpur and the lowest in Simla, the rates being 74·3 and 19·7 *per mille* respectively. Calculated however upon the increased population of the Chenab Colony figures, the birth-rate of Lyallpur amounts to 59·3 or an increase of 4·9 over that of the previous year. The low birth-rate in Simla has been explained in a previous report and need not be commented upon again. Next to Simla, the lowest birth-rates were registered in Kangra, Ambala, Rawalpindi, Ludhiana, Dera Ghazi Khan, Hoshiarpur, Jhelum, Rohtak and Jullundur.

10. The total number of male and female births during 1908 amounted respectively to 439,539 and 400,522, the corresponding rates being 21·9 and 19·9 *per mille*. These rates show an increase of 0·5 in each case over those of the year preceding, and a decrease of 0·4 compared with the average for the preceding five years. The number of males born to every 100 females born was 109·7, showing a decrease of 0·8 compared with 1907 and 0·3 with the average of the previous five years. As usual the greatest excess of male over female births, probably due to omissions of female births in the registers, was recorded in Dera Ghazi Khan (123·0), 116·0 in Muzaffargarh, 113·7 in Rawalpindi and Mianwali and 113·5 in Jhelum.

11. The birth-rate in the 43 large municipal towns, taken as a whole was 40·7 which is 1 *per mille* greater than the normal for the previous five years and 1·6 higher than that for the year preceding. Of the four largest towns, Dehli recorded a birth-rate of 41·6, Lahore 39·3, Amritsar 37·4 and Multan 49·7. With the exception of Amritsar the three remaining towns showed a slight increase over the previous quinquennial period. The decrease in Amritsar was, however, only 1·2 compared with the mean ratio and 1·6 compared with 1907.

12. The excess of deaths over births in 1908 amounted to 180,064 or at a rate of 8·9 *per mille* of the population. With the exception of the districts of Gurdaspur, Attock, Mianwali, Lyallpur, Multan, Muzaffargarh and Dera Ghazi Khan in which the births exceeded the deaths, all the other districts in the province showed an increase in the number of deaths over births. The greatest excess occurred in Gurgaon 44·0, Delhi 32·4, Amritsar 22·0, Rohtak 21·6 and Karnal 18·7 and was due to the heavy death-rate from malarial fevers in these districts.

13. **Deaths.**—The total number of deaths registered in 1908 was 1,020,125 corresponding to a death-rate of 50·73. This rate included 34·66 from fevers. The death-rate from cholera was 0·61, small-pox 1·42, plague 1·53, dysentery and diarrhoea 1·05, respiratory diseases 3·22, injuries 0·35 and all other causes 7·88. Compared with the quinquennial average, the total death-rate in 1908 showed an increase of 1·8 *per mille* and a decrease of 11·37 *per mille*, compared with the ratio for the previous year.

14. The death-rates of other provinces were as follows:—United Provinces 52·73, Bengal 33·56, the Central Provinces 38·12, the North-West Frontier Province 35·33, Eastern Bengal and

Assam 30·74, Burma 28·22, Bombay 27·15 and Madras 26·2. The high death-rate in the United Provinces was due to the excessive prevalence of fevers from which a death-rate of 41 *per mille* was recorded during the year.

15. The mortality in the Punjab was greatest in the last four months of the year, during which period fever was very prevalent. The highest monthly death-rate was recorded in the month of October when it amounted to 10·32, of which 8·41 was furnished by fevers, the next highest rate 8·28 occurred in November and included 6·87 from fevers. In December the death-rate was 5·24, the fever death-rate of that month amounting to 4·15. Owing to the great subsidence in plague there was no marked rise in the mortality registered during the first five or six months of the year.

16. The provincial death-rate of 50·73 was exceeded in 11 districts, namely, Gurgaon in which it was 84·1, Delhi 72·5, Amritsar 63·8, Karnal 61·2, Rohtak 59·8, Hissar 58·5, Lahore 58·2, Lyallpur 53·9, Shahpur 53·4, Ferozepore 52·2 and Montgomery 51·7. The marked increase in the death-rates in all these districts was due to fevers. The lowest death-rates, varying between 25·1 and 38·9, were recorded in Simla, Dera Ghazi Khan, Muzaffargarh, Jullundur and Kangra.

17. Of the four largest towns in the province, Amritsar recorded the highest death-rate, amounting to 94·67 *per mille* as against 49·99 in the year preceding. Of this, 68·16 was due to "fevers". Delhi came next with a death-rate of 60·03, of which 40·30 was due to fevers, Lahore followed with 56·41 and a fever rate of 33·69. Multan had a death-rate of 45·14 and a rate from fevers of 23·80. It will thus be seen that the increased mortality in these towns was due entirely to fevers, particularly in Amritsar, where nearly three-fourths of the total deaths were caused by this disease.

Owing to the excessive prevalence of fevers, the total death-rates in many of the smaller towns were very high. The highest death-rates from all causes were registered in the following towns:—between 80 and 90 *per mille* in Beri, Bahadurgarh, Ferozpur (Gurgaon District), Sonapat, Balabgarh, Faridabad, Shahabad and Miani, between 94 and 99 in Amritsar and Talamba. In Bhera the death-rate was as high as 102, in Hodal and Fazilka 107, and in Palwal 121. During the month of October when the fever epidemic was at its height, Amritsar had a death-rate from fevers of 306 *per mille* per annum, Palwal 355, Bhera 476 and Hodal 507 during certain weeks.

The death-rate registered in rural circles of the province was 50·19 *per mille*, of which 34·9 was recorded under the head of fevers, and in the 143 towns it was 55·58 which included 32·53 from fevers.

Death-rates by sexes.
Annual Form No. II.

18. The male death-rate for the province amounted to 47·9 *per mille* and the female rate to 54·0.

In paragraph 7 of the Review of the Punjab Government on the Sanitary Report for 1907, it was stated that the remarkable decrease in the excess of the female over the male death-rate from plague in recent years required elucidation. The matter was referred to the Civil Surgeons, who, however, were unable to furnish any satisfactory explanation. I can offer no opinion other than those already expressed in paragraph 23 of the Sanitary Report for 1907 and paragraph 20 of that for 1905.

19. Of the death-rates at different age-periods, that of infants under one year of age was by far the highest, amounting to 393·79 in the case of males and to 408·64 *per mille* in that of females. Calculated on the number of births registered during the year, the infantile death-rate amounted to 305 for males and 322 for females.

The next highest rate was registered among old persons over 60 years, *viz.*, 110·94 for males and 118·67 for females. In the age-period 1—5 the rates were 111·33 and 121·99. In the remaining age-periods the ratio varied between 15·03 and 43·85 for males and 19·95 and 44·49 for females.

20. The Muhammadan and Hindu death-rates during the year under report were about the same, *viz.*, 50·91 *per mille* for the former class and 50·44 for the latter. The death-rates registered

Death-rates by classes.
Annual Form No. V.

among Hindus and Muhammadans varied considerably in different districts. Such variations have been noticed in previous fever epidemics and are due to the circumstances that in districts which show a higher Hindu death-rate the bulk of the Hindu population consists of poorer low caste tribes while in other districts with higher Muhammadan death-rate the poorer classes are largely Muhammadans.

Muhammadans are generally poorer than Hindus and are not so well fed or clothed, and are therefore less able to resist attacks of fever. The excess of the Muhammadan over the Hindu death-rate was most marked in the districts of Montgomery, Lahore, Amritsar, Sialkot, Gujranwala, Gujrat, Shahpur, Jhelum, Rawalpindi, Attock, Jhang and Layllpur, all of which, except Amritsar, contain more Muhammadans than Hindus and in which the fever mortality during the last three months was very high. The Hindu death-rate was more than 5 *per mille* of population in the districts of Rohtak, Delhi, Kangra, Ludhiana and Mianwali. The death-rate among Native Christians was 58·07 against 60·83 *per mille* in the previous year. The highest death-rates were recorded in the districts of Lyallpur, Gurdaspur, Karnal, Sialkot, Rohtak and Gujranwala.

21. During the year under report the different inspecting agencies of the province verified 678,148 entries in the birth and 553,576 in the death-registers, the corresponding figures for the year preceding were 713,972 in the birth and 841,884 in the death-registers respectively. The decrease in 1908 in the number of entries checked is due to the fact that practically the whole of the inspecting staff was employed on cholera duty when that disease was prevalent in the province in the summer and again in the distribution of quinine during the malarial season. The percentage of omissions discovered by Divisional Inspectors was 3·2 in male and 3·0 in female births, and 2·5 in male and 2·6 in female deaths. Vaccinators discovered a percentage of 1·0 in male and 1·2 in female births and 0·7 in male and 0·8 in female deaths. The Revenue Officers found omissions of 0·8 per cent. of the entries checked in the birth-registers and 0·7 per cent. in the death-registers. The number of chawkidars punished was 191, and the fines inflicted amounted to Rs. 63 as compared with Rs. 90 in the previous year. Two hundred and twenty-one persons were punished for neglecting to register births and one hundred and five to register deaths in municipal towns and were fined Rs. 525 as against Rs. 371 in 1907.

22. The total number of births registered at Railway Stations outside municipal limits was 63 and of deaths 126, the corresponding figures for the previous year being 67 and 172. Of these 126 deaths, 24 were due to cholera, 35 to fevers, 38 to all other causes, 13 to plague, 3 to small-pox, 2 to dysentery and diarrhoea, 7 to diseases of the respiratory organs and 4 to injuries. The decrease in the total number of deaths in 1908 is due to the fact that only 13 deaths were registered under the head "plague" as against 97 in the year preceding.

23. There were 186 births and 141 deaths registered among Europeans and Eurasians as against 148 and 67 in the year preceding. Of the deaths 18 were due to cholera, 4 to small-pox, 32 to fevers, 8 to dysentery and diarrhoea, 20 to diseases of the respiratory organs, 4 to injuries and 55 to all other causes. Of the 18 deaths from cholera 10 occurred in Lahore during the months of May and June. The deaths from fevers which were four times as many as those registered in 1907 were due to the epidemic of malaria in the last quarter of the year.

24. The return of births and deaths among the non-military population of cantonments which was discontinued in the year 1901 has now again been included in this report in accordance with the suggestion of the Sanitary Commissioner with the Government of India and with the approval of the Punjab Government. In the cantonments in the Punjab, the statistics of which are given in appendix to Annual Form No. VI B, there were 3,339 births with a rate of 17 *per mille* and 4,415 deaths yielding a rate of 22. Of the total mortality 2,691 or about three-fifths were due to fevers, 1,107 to all other causes, 331 to diseases of the respiratory organs, 162 dysentery and diarrhoea, 50 to injuries, 43 to cholera, 17 to small-pox and 14 to plague.

Section VI.—Chief Diseases.

25. **Cholera.**—After four years of but slight prevalence cholera broke out in epidemic form in 1908. It caused 12,297 deaths, a death-rate of 0·61 *per mille*. In 1907, the cholera death-rate was 0·02 and in the quinquennium 0·22.

Outbreaks of the disease occurred in every district except Simla (where only one imported fatal case occurred on June 11th) and affected 76 towns and 1,085 villages. Except for an isolated case reported from the Ludhiana district in March, the province was free from cholera during the first quarter of the year. On April 14th, however, it broke out at the Kitas Baisakhi Fair whence it was spread widely in the northern and western districts of the province by returning pilgrims.

The next outbreak of cholera was at Jawalamukhi where it appeared on April 25th, shortly after the close of the Nauratas Fair there. It did not spread and ceased on May 17th. Thirty-five deaths occurred.

Cholera did not appear in epidemic form in the south of the Punjab until May, when an outbreak occurred at a village near Beri in the Rohtak district. The disease soon spread to the town of Beri and thence to Delhi district from which, in turn, the Gurgaon district became infected. There was also a small epidemic in the Hissar district in June due to infection from Jhind State. A separate epidemic broke out at Bahail village in the Karnal district on April 26th, the first patient being a pilgrim from Hardwar. The disease did not spread beyond the district, but outbreaks occurred in five towns, including Karnal, Panipat and Shujabad and in 18 villages; 520 deaths were reported.

Early in August cholera broke out at a large fair at Nainadevi in the Bilaspur State. From here it spread to the Hoshiarpur and Ambala districts. In the Ambala district it appeared first at Rupar whence it spread to its neighbouring villages. Cases also occurred in the town of Ambala and Jagadhri. The outbreak was not a large one, however, and only 173 deaths occurred.

In the Hoshiarpur district cholera appeared in the town of Una and in 14 villages as the result of infection from Nainadevi. The disease had, however, already appeared in the district, it prevailed until November. Altogether 5 towns and 34 villages were affected and 210 deaths occurred.

Infection in the Jullunder district was conveyed from the Kapurthala State to Salarpur village in May, 5 towns and 11 villages were affected and 201 deaths occurred.

Cholera did not break out in epidemic form in the Ludhiana district until the end of June when the village of Akhara was infected; the Civil Surgeon reports that the disease originated in this village and no evidence of direct infection could be traced. There were altogether 341 deaths in the district.

The district of Ferozepore derived its infection first in Fazilka from Kōt Radha Kishen in the Lahore district and in the Moga tahsil from the Ludhiana district, the total number of deaths reported was 857.

The outbreaks of cholera at Kitas and Jawalamukhi were the subjects of special reports to Government. Both are small places difficult of access, the one in the Salt Range in the Jhelum district, the other in the Himalayan foot hills in the Kangra district, and both are the scenes of large religious fairs attended by Hindus from without, as well as from within, the Punjab. At both places there are tanks fed by springs, but while that at Jawalamukhi is very small, only furnishing drinking water and is moreover fairly well protected from pollution, that at Kitas is large enough for bathing in and the pilgrims drink as well as bathe in its water. The tank is surrounded by houses which during the fair are crowded with pilgrims, and it receives the drainage not only of these houses but of higher land beyond them upon which the people ease themselves. The difficulty of protecting such a tank from pollution amounts almost to an impossibility and any measures that might be taken to exclude drainage might be rendered futile by the introduction of infection from the bodies of the bathers.

All that can be done therefore in such a case is to attempt to minimize pollution by the protection as far as possible of the surroundings of these tanks and to endeavour to exclude from it persons suffering from any form of looseness of the bowels. This, however, is no easy task and the outbreak of cholera at Kitas in 1908 would seem to have been due to the introduction of infection by some persons who did not present any manifest symptoms of the disease. There had been no cholera at Kitas for many years and the first case known to have occurred there was that of a woman who had come five days earlier from Chiniot in the Jhang district. Neither at Chiniot nor at Kitas had any case of cholera been known for several years. A few days before the large fair at Kitas which is usually attended by some 20,000 to 30,000 people there is a gathering of *faqirs*. In 1908 some *Udasis* from Hardwar are known to have attended this gathering and that cholera was in existence at Hardwar is evidenced by the circumstance that a pilgrim who had just returned from there was removed from the train at Amritsar on April 14th suffering from cholera, from which he died in a few hours. However introduced, the infection of cholera spread directly from Kitas to 50 towns and villages in the districts of Jhelum, Amritsar, Sialkot, Gujranwala, Gujrat, Shahpur, Rawalpindi, Mianwali, Attock, Jhang, Lyallpur and Muzaffargarh, which in turn served as centres for the spread of the disease in their own and other districts.

The outbreak of cholera at Jawalamukhi fortunately occurred after the pilgrims had dispersed and, as has been seen, was limited to the little town itself and to three adjacent villages. The source of infection was not traced, but there can be little doubt that it was introduced by pilgrims of whom 32,000 attended the fair between April 2nd and 12th.

While the outbreak of cholera at Lahore was never very severe it was protracted, lasting from April 18th to September 22nd. During this period 373 deaths occurred, the death-rate being 2·00 *per mille*. Of these 10 deaths were of Europeans and Eurasians living in the civil station and railway lines. It was shewn however that most of these persons became infected elsewhere than at their own houses as the result of dietary indiscretion.

The outbreak of cholera at Lahore led to an enquiry into the sanitary condition of the city and civil station which was the subject of a special report to Government. In this report various defects were brought to light, chiefly in connection with conservancy, and with the arrangements for the supply of milk and vegetables, and recommendations were made for improvement. Government has appointed a committee to consider the question of improving the conservancy of Lahore which is now (April 1909) sitting.

A severe outbreak of cholera occurred in Kasur during May and June when 265 deaths were registered. The epidemic commenced with 3 cases in a mosque and 20 cases in a street adjoining were reported shortly after, and the disease was gradually diffused throughout the town, ceasing practically on June 18th. There was no reliable information as to the importation of cholera, but infection was believed to have been introduced by a Pathan attending the mosque. The Deputy Commissioner and Civil Surgeon of Lahore visited the place on June 3rd, when the epidemic was at its worst. The disinfection of the water supply, wells and mosque tanks, suggested by the Civil Surgeon and the protection against fresh contamination had the effect of checking the disease.

A case of cholera which occurred at Kalka is of some interest as indicating the length of the incubation period of cholera. The Hospital Assistant at Kalka reported that a person on his way from Simla to Kasur had been attacked with cholera at Kalka Railway Station on May 27th and had died two days later. As there was no cholera at Simla, while it was epidemic at Kasur, I thought that the Hospital Assistant had possibly transposed the names of the places whence and to which the patient was travelling and asked if this had not happened. The Civil Surgeon of Ambala then enquired into the case and reported that the Hospital Assistant was correct in his statement. He added particulars concerning the patient who happened to be an Indian Military Officer of high rank, which enabled me to obtain complete information as to his movements shortly before his death. This was to the effect that on May 23rd he had left Simla for Lahore and had also visited his family at Kasur returning the next

day. On reaching Simla on May 26th, he received a telegram telling him that his brother had been attacked with cholera at Kasur. He left Simla the next day to return to Kasur, but was seized with cholera on the journey to Kalka. As there is little reason for supposing that the patient was infected elsewhere than at Kasur, there is strong presumption that the incubation period of his attack of cholera could not have exceeded four days or have been less than three days.

26. The distribution of deaths from cholera registered in the province by months was as follows:—One death in March, 443 deaths in April, 1,966 in May, 2,130 in June, 2,155 in July, 2,520 in August, 2,354 in September, 654 in October and 74 in November.

27. The highest death-rates from cholera were registered in the following districts:—Attock 1·02 *per mille*, Lyallpur 1·12, Lahore 1·36, Gurgaon 1·68, Mianwali 1·78, Rawalpindi 1·94 and Jhelum 2·21. The lowest rates, *i.e.*, 0·07 and 0·14 were recorded in the districts of Montgomery and Muzaffargarh.

28. The total mortality from cholera in the 143 towns yielded a rate of 1·59 *per mille* as against 0·5 in the rural circles. Of the 76 towns in which cholera deaths were reported, 25 had a ratio under 1 *per mille*, 18 over and under 2, 11 over 2 and under 3, 8 over 3 and under 4 and 5 over 4 and under 6 *per mille*. The largest death-rates were recorded in the following towns:—Hazro 7·45, Karnal 7·09, Shahabad 7·99, Rupar 8·33, Narowal 8·59, Rewari 8·46, Fazilka 8·7, Kasur 12·03 and Lieah 19·48.

29. The death-rate from cholera among infants under one year (calculated on births) was 0·19 *per mille*. Among children over one and under five years it was 0·47 and among those over five and under ten years 0·35. From the latter age-period, the ratio increased gradually, and was 0·38 at ten to fifteen, 0·56 at fifteen to twenty, 0·60 at twenty to thirty, 0·75 at thirty to forty, 0·89 at forty to fifty, 0·87 at fifty to sixty and 1·03 at 60 and upwards.

30. The death-rate from cholera at all ages was 0·64 among males and 0·58 among females. The male ratio was somewhat higher than the female rate among all age-periods except at fifteen to twenty.

31. On the appearance of cholera in a district the provisions of Punjab Government Consolidated Circular No. 17 were brought to the notice of Civil Surgeons. Whenever early information of an outbreak was received prompt steps were taken for the disinfection of wells, etc., and other precautionary measures, often with immediately satisfactory results. Many Civil Surgeons, however, complained of the difficulty experienced in obtaining early information of the appearance of cholera. The staff and establishment on plague duty rendered valuable assistance in many districts in dealing with outbreaks of cholera.

32. **Small-pox.**—The total mortality registered in 1908 from small-pox was 28,652, equivalent to a death-rate of 1·42 *per mille*. This rate was more than double that of the quinquennial average of 0·54. The mortality from this disease in 1908 was considerably in excess of that registered during recent years.

There were 6,499 deaths among children under one year of age, and the death-rate calculated upon the total number of births during the year amounted to a rate 7·7 *per mille*, the corresponding rate for the previous year being 3·36. Of the remaining age-periods, the death-rate calculated on their respective populations, amounted in the case of children between 1 and 10 years of age to 3·8, between 10 and 15 to 0·68, between 15 and 20 to 0·55 and in the age-periods between 20 and 30, 30 and 40, 40 and 50 and 50 and 60, the rates varied between 0·36 and 0·11. There can be but little doubt that the excessive mortality among infants and young children was due partly to the fact that no less than 1,99,277 children remained unprotected against the disease at the end of the vaccination season 1907-08. It is also probable that several deaths due to measles and chicken-pox have been returned as due to small-pox. The highest mortality from small-pox was recorded in the districts of Lyallpur,

Lahore, Ferozepore, Sialkot, and Montgomery in which it was also considerably above their respective normal death-rate. High death-rates were also recorded in the districts of Amritsar, Hoshiarpur, Ambala, Hissar, Gurdaspur, Karnal, Gujrat, and Jullundur. In the districts of Gurgaon, Jhelum, Rawalpindi, Attock, and Dera Ghazi Khan, however, the death-rates were below the normal.

The proportion of male to female deaths from small-pox was nearly equal, the rates being 1.40 in the case of males and 1.46 in that of females as against 0.53 and 0.57 in the year preceding.

The highest mortality from small-pox was registered in June when the deaths numbered 5,227, the month of May came next with 5,057 deaths. After the month of August when 1,580 deaths were registered, there was a great decline in the number of deaths from small-pox.

33. The small-pox death-rate registered in the 143 municipal towns was 2.05 as against 1.3 in 1907 and 1.04 for the quinquennium.
Death-rates in towns. Annual Form No. VI B. The increase was considerable and was accounted for by the fact that excessive death-rates from small-pox were registered in many of the towns, notably in those of Shahabad, Bahadurgarh, Pathankot, Chunian, Sujampur, Zaffarwal, Ladwa, Jagadhri, Karor, Kalanaur, Fazilka, Thanesar, Kamalia, Sohna, Mukerian, Jhajjar and Hansi. The attention of the Civil Surgeons of districts principally affected was drawn to the necessity for affording special facilities for vaccination and for the disinfection of infected houses.

Of the four largest towns, Lahore recorded the highest death-rate of 3.00. Multan came next with a ratio of 2.84, Amritsar and Delhi having 2.60 and 0.37.

In the towns in which the provisions of the Compulsory Vaccination Act have been extended, the death-rate was 1.71 contrasted with 2.44 in those in which the Act is not in force. *+ contracts with 1.42 in the province as a whole (See opp.)*

34. **Plague.**—The following report drawn up by Major S. Browning Smith, I.M.S., Chief Plague Medical Officer, on plague, has been furnished by the Inspector-General of Civil Hospitals, Punjab, in accordance with the orders of Government:—

1. In 1908 the incidence of plague was far from being severe, in fact the past year has been by far the mildest plague season that has been experienced in the Punjab since the disease became widespread. Only 48,065 cases and 40,106 deaths were reported, 30,682 of the latter occurring in British districts and the remainder, 9,424, in Native States. This mortality for the whole province is actually much less than that which occurred in many single districts in 1907, including Gujranwala 71,813, Sialkot 62,609, Gujrat 58,600, Lahore 47,412, Jullundur 39,705. Since the first invasion of the province up to the end of 1908 plague has caused the loss of 2,061,885 lives.

The comparatively small number of cases cannot be attributed in any degree to a contraction of the infected area; for, although infection was mild, it was widespread. It is true that six districts remained uninfected throughout the year as compared with two in 1907, but the four of these that were infected in the latter year were not seriously attacked. The number of districts infected in the spring was 23; but at the end of the year only 13 returned cases. The districts most severely infected were Gurgaon 5,040 deaths, Ludhiana 4,726, Lahore 3,508 and Ferozepore 3,098.

2. *Seasonal variation.*—It is the period of maximum intensity in the spring that marks a year as being a bad or a good one from the point of view of plague, that is to say, the large majority of cases that occur during any year are caused by the epidemic which begins in the autumn of the preceding year. It is therefore in the latter half of 1907 that the principal explanation of the mild year of 1908 must be looked for. Although the factors which determine the severity, or the reverse, of plague incidence are not completely understood, and further elucidation is required before the variations in plague activity can be satisfactorily explained, yet it appears that certain conditions of climate inhibit or augment epidemics. The actual facts are of great interest; the monsoon of 1907 came to an abrupt end about the 20th of August, and subsequent to this the year was rainless, and humidity generally was in defect; in consequence of this the rise in plague figures that normally begins in Septem-

ber and continues till April or May was entirely absent up to January. Perhaps this marked deviation from the normal can be explained by the supposition that a certain amount of rainfall or humidity is an essential factor for plague activity, in addition to the favourable temperature conditions known to be necessary, which were certainly present during this period. Support is given to this conclusion by the fact that heavy rain occurred in the second week in January and the rise in plague figures commenced in the week ending January 25th. The mildness of the epidemic was probably further accentuated by the dry spring and early summer, which resulted in the seasonal decline beginning early, the period of maximum activity being reached in the third week in April instead of the second week in May as in 1907; the plague active season, therefore, only extended from the end of January to April in 1908, instead of September to May, as is usually the case. The climatic conditions of 1905-06 were very similar to those of 1907-08, and in both cases the epidemics were mild. From the end of April plague rapidly declined in the usual way until in the last week of July no cases were reported; only two sporadic cases were recorded in the following week and none in the next, a state of freedom of the whole province which has not occurred for many years. The autumnal rise, although not completely absent, has again been abnormally low, and in the last week of 1908 only 395 cases were reported. Judging from the conditions at the close of the year the outlook is a favourable one, although it is yet possible to have an epidemic of moderate severity in the spring.

3. *Attitude of the people.*—The attitude of the people with regard to plague and the measures advocated for its suppression shows little evidence of actual interest or desire to help themselves. There is no doubt that education, derived both from experience and the continued teaching of the plague staff, has resulted in a wide commonsense knowledge of the way plague is contracted and spread and also of the reasons for the measures employed. The people, however, in mild seasons look upon the disease entirely as a matter of course much in the same way as they regard malaria, and, although generally they are quite friendly disposed and recognise that the staff are trying to help them, they regard protective measures as a superfluous and needless bother. Much, however, has been accomplished and the possibility of combating epidemics, so far as may be practicable, is gradually but surely increasing.

4. *Auxiliary staff.*—Great attention has been directed to the selection and education of an auxiliary staff from among the leaders of the people; there are now some 720 of these local plague officers, who afford considerable help in different ways and more particularly in giving early information of infection, which is so essential, and also in supervising rat destruction operations. In the Jullundur district the system is working so well that it is said that rat mortality anywhere in the district is immediately reported. Much depends on the careful selection of these officers and the encouragement given to them by the Deputy Commissioner whose active sympathy and support is essential if the scheme is to be a success. General opinion is entirely in favour of this system, and its gradual increase and improvement will enormously increase the chances of fighting an epidemic successfully. These officers are carefully educated in plague and plague measures by the medical staff and in their turn they instruct the headmen and people of their area; the resultant educational factor is a very large one. The plague medical staff, more especially the commissioned medical officer, is the backbone of this system, for the latter requires constant supervision and personal encouragement without which it would never develop.

5. *Measures.*—Rat destruction by trapping is now systematically carried out in over 100 municipal towns and in 620 endemic centres or places which have in the past been dangerous diffusion centres of plague. In as many places as possible, which were infected late in the spring and where in consequence recrudescence was expected towards the end of the year, baiting was carried out early in the autumn. Up to the end of the year plague had only re-appeared in three of the places, selected for systematic trapping because plague annually re-appeared there, and recrudescence has been practically confined to places which had escaped observation or treatment; it is natural to conclude that these

operations must have had a very considerable effect in mitigating the incidence of plague. Systematic trapping is now being carried out in certain well-defined areas in many districts to afford object-lessons to the people. It is an encouraging fact that this system has been adopted throughout nearly the whole of the Jullundur district at the request of the people themselves who have paid half the cost of the traps, and it appears likely that this will extend to the Hoshiarpur district. It is noteworthy that those old infected districts, where systematic trapping has been adopted to a very considerable extent, Jullundur, Gurdaspur, Amritsar and Sialkot, were completely free from plague at the end of the year. Rat poisoning has been limited to those places infected late in the spring to prevent or delay recrudescence, and to healthy villages surrounding an infected one, to render them temporarily immune while the epidemic is going on; the results appear to be favourable and plague has not spread in the usual way. The actual number of rats known to have been destroyed during the year in British districts was 4,116,334; large numbers are also destroyed by poisoning which are not recorded. Rat destruction has been taken up with much energy in Patiala State and 259,141 rats destroyed; this is reported to have been attended with markedly favourable results.

Evacuation.—Everything that is possible has been done to encourage and help the people to adopt evacuation as a remedial measure; rewards are offered, *chappars* and tents are provided, and also *chaukidars* for the evacuated site and camp. In the greater part of the Punjab, however, it is in the highest degree unpopular, and in thickly populated areas the people will not accept it whatever encouragement is given. In sparsely populated tracts evacuation is often readily resorted to by the people on their own initiative, particularly in parts of Jhang, Lyallpur, Montgomery and Shahpur districts, in the Sharakpur tahsil of the Lahore district, and in hilly tracts where there is plenty of waste land to camp on and plenty of jungle scrub, reed, etc., from which temporary shelters can be made.

Inoculation.—53,629 inoculations were performed during the year, making a total of 1,581,151 since 1897, when the operation was first introduced. The people, therefore, have been fairly widely educated in this measure. But even where its good effects are fully recognised it is not accepted unless plague is near and danger imminent, and this attitude cannot be condemned as unintelligent. Every facility is afforded and inoculation stations are established at every dispensary in the infected part of the province where there is an Assistant Surgeon or a Hospital Assistant qualified to inoculate; the fact remains that the people will not come for it, it has to be taken to their doors, and practically all the inoculation work is done by the itinerating staff. The greatest number of inoculations was performed in the following districts:—Gurdaspur 10,468, Amritsar 8,727, Ferozepore 6,673, and Jullundur 5,085. In this field the work of Captains Dunn, Melhuish, and Groube, and of Assistant Surgeons Harnam Singh and Abdul Haq Khan was specially good. A feature of the year's work has been a large extension of general medical relief afforded to the people through the agency of the plague medical staff; for this purpose the latter has been supplied with specially designed panniers containing drugs and instruments. Valuable help was given by the plague staff during the cholera epidemic season and also in the severe malarial outbreak in the autumn. There is no doubt that this work has tended to establish closer and more sympathetic relations between the staff and the people, and the latter are generally convinced that we are trying to help them, which is a very different state of affairs to that which obtained a few years ago.

Two special investigations were carried out during the year, one on the effect of rat destruction by Captain Davys and one on the recrudescence of plague; reports on both of these subjects have already been forwarded to Government.

The active sympathy and co-operation of the civil power is essential for success; great help has been received, particularly from Major P. Burlton, and Mr. C. M. King; owing greatly to their exertions the people in the Jullundur and Gurdaspur districts, respectively, are very well educated in plague measures. The following officials are specially mentioned for good work:—Tahsildars Amar Singh of Phillour, Sikandar Khan of Dipalpur, and Lala Lal Chand of Tarn Taran, and Naib Tahsildar Hargovind, formerly of Shakargarh. It is regrettable that there is so little evidence of any public spirit, and but little help is received from the non-official element apart from the local agency that has been referred

to above; notable exceptions to this rule are Mala Ram of Fatehpur, Faujdar Singh of Amritsar, Sodhi Diwan Singh of Fazilka, Seth Chiragh Din of Gujrat, Maya Singh, Ahluwalia of Batala, and Hakim Imam Din of Sidhwan. In the general high level of work performed by the plague medical staff Captains Ross and Dunn, Dr. W. D. Williams, Assistant Surgeons Hari Shankar and Ram Nath, and Hospital Assistant Muhammad Azim Khan have been conspicuous. Of the general staff, Assistant Surgeons Gopal Das of Sonapat and Shiv Das of Chiniot have given great help. In no other department of work is the factor of personal influence of greater importance than in plague duty, for, in the absence of all compulsion, the work done entirely depends on the tact and sympathy of the staff, and upon that knowledge of the people which can only be obtained by constant contact. The plague medical staff are at work practically throughout the entire year, in the off-season as much as when plague is rife. Officers are continually on tour, visiting villages and making themselves known to, and popular with, the people, distributing medical relief, initiating and supervising protective measures, persuading the people to accept inoculation and adopt evacuation; moreover, they are the vital nucleus of the auxiliary staff, and although the results of the work done cannot be made obvious by figures, it is evident from personal observation that a vast amount of life is saved by the operations which are being carried on.

35. **Fevers.**—Fevers were by far the most important cause of the very high mortality recorded in the Punjab during 1908. The number of deaths registered under this head was 697,058, furnishing a death-rate of 34·66 *per mille*, out of the death-rate from all causes of 50·73, that is, fevers caused more than two-thirds of the total mortality of the province. Further, of this great mortality from fevers, two-thirds occurred during the last four months of the year, when 460,108 deaths were registered. The fever death-rate in 1907 was 20·16 and in the quinquennium 20·6.

The fever death-rate of 34·66 *per mille* has been only twice exceeded. After deducting the figures of the districts now included in the North-West Frontier Province the rate in 1890 was 38·05 and in 1892, 34·83. The only other year in which the fever death-rate exceeded 30 *per mille* was 1900, when it was 32·31. In all these years the monsoon rainfall was very heavy causing extensive floods, and in all, the floods were followed by severe outbreaks of malaria. In 1890 and 1892, besides the outbreaks of fevers in the autumn, there was an unusually large number of deaths registered under this head in the months of March, April and May. Many of these deaths were considered to have been due to influenza which was then epidemic. The number of deaths attributable to influenza were, however, very much less than those due to malaria. In 1892 there was scarcity, and 1900 was a famine year.

During 1908 the total number of deaths from fevers up to August was less than that during the quinquennium, but from that month onwards the fever mortality was very great, amounting to 169,155 in October, this being the largest number of deaths from fevers ever recorded in any one month. In August the number of deaths registered from fevers was 25,650; in September 69,428; in November 138,161; and in December 83,364.

The outbreak of malaria affected every district in the province. The provincial fever death-rate from September to December inclusive for the five years ending in 1907, was 25 *per mille* per annum, and in no district did it exceed 34. In 1908, however, the fever death-rate for the period mentioned was 68, and in many districts the rate was greatly exceeded. Thus in Gurgaon it was 114, in Delhi 110. In Amritsar, Gujrat, and Shahpur it exceeded 90; was over 80 in Hissar, Rohtak and Montgomery; over 70 in Lahore, Sialkot and Gujranwala; over 60 in Karnal, Jhang and Multan, and over 50 in Hoshiarpur, Ferozepore Muzaffargarh and Ludhiana. It was 45 in Dera Ghazi Khan, the lowest figure in any other district except Kangra and Simla, the rates of which were 32 and 11 respectively. The physical conditions of these two districts are, however, peculiar, but in both the fever death-rate for 1908, exceeded the normal which are respectively 22 and 8.

In every district, except Ambala and Simla, at the *sadr* stations of which there was a slight deficiency, the rainfall during the third quarter of the year

was in excess of the normal, in many districts very greatly so, and floods were almost universal. This was the case even in the Ambala district where, despite the deficiency in the quarter's rainfall, very heavy local falls were experienced in August.

The floods persisted for several weeks, and besides furnishing breeding places for mosquitoes caused much damage to crops and houses. In many towns and villages a large number of houses collapsed and the occupants were driven to seek shelter elsewhere. At Fazilka, for example, many people collected at the railway station where they occupied goods wagons for several days. Here, as elsewhere, however, numbers were reduced to make-shift encampments on the sodden ground. It has been recorded that scarcity prevailed throughout the year and there can be little doubt that it was an important predisposing cause of the serious outbreak of malaria.

36. The fever was everywhere of a very severe type, frequently causing death after an illness of a few days only. Everywhere also cases were common in which dysentery or diarrhoea accompanied or followed the febrile attacks and contributed largely to their fatality. In some cases the intestinal symptoms were choleraic in their severity.

A very serious feature of the malarial outbreak was the very high mortality it caused among children. The number of deaths from fevers of children under 10 years was 363,247, rather more than half (52.11 per cent.) of the total fever mortality of the whole population and 66.48 *per mille* of children living at this age.

The younger the children the more severely did they suffer; thus while the fever death-rate of children from 5 to 10 years of age was 17.98, that of children 1—5 was 89.02 and of infants under one year 202.26, or calculated on the number of births registered during the year 158. Next to infants, old people of 60 and upwards suffered most from fevers, the death-rate for this age-period having been 94.61.

The lowest fever death-rates were those of the age-periods 10—15 and 15—20 which were respectively 11.91 and 11.74, from the latter, these rates gradually rose and were as follows:—20—30, 12.83; 30—40 14.84; 40—50, 20.92; and 50-60, 33.07.

The female death-rate from fevers in the province exceeded the male death-rate at every age-period. The excess did not amount to more than 7 per cent. among infants and persons beyond forty years. Among children over one and under five years and over five and under ten years, the excess was 14 and 18 per cent. respectively. In the child bearing age-periods, it was as high as 40 per cent. at ten to fifteen; 27 per cent. at fifteen to twenty; 30 per cent. at twenty to thirty and 32 per cent. at thirty to forty.

It is worthy of note that children under five years and old people over sixty years, suffer much more severely from fevers, than they do from plague. For instance, the provincial death-rate from plague at all ages (30.27 *per mille*) in 1907 approximated that of 34.66 from fevers in 1908. Yet the plague rate for 1907 among infants (calculated on births) was only 34 per 1,000, while the fever rate in 1908 was as high as 158. Among children over one and under five years the plague rate was 25.68 compared with 89.02 from fevers, and among old persons 53.07 and 94.61 respectively. On the other hand, plague is considerably more fatal among persons in the best years of life than are fevers. Thus while the plague rate at the age-period ten to fifteen years, was 27.65 in 1907, the fever rate in 1908 at that period of life was 11.91. At the age-period fifteen to twenty, the plague and fever rates were 27.22, and 11.74; at twenty to thirty 25.48 and 12.83; and at thirty to forty 28.86 and 14.84 respectively.

During November and December, I visited the towns of Bhera, Gujrat, Amritsar, Sonapat, Delhi and Palwal, in which the outbreaks of fevers were very severe. By that time the floods had to a large extent subsided, but had in most places left evidence of their presence. The town of Bhera on 27th November was still almost completely surrounded by water, as by a broad moat. At Palwal there were large sheets of water almost encircling the town, and at

Gujrat, Amritsar and Sonapat there was also much water lying about. In the smaller towns, also, many ruinous houses bore witness of the floods which had destroyed them.

Everywhere (except at Gujrat) I examined a number of schoolboys up to ten years of age and found most of them to be suffering from enlargement of the spleen. Everywhere also the school masters told me of the greatly diminished school attendance, especially during October, owing to their scholars having been laid up with fever. At Amritsar I also examined a number of the boys employed in the carpet factories. They were all poor Muhammadans and 82.76 per cent. were found to have enlarged spleen. It is of interest to note in this connection that it was the children of the poor who suffered most from splenic enlargement. It was very noticeable when examining school-children that, while those who were well clothed and appeared to be well fed rarely had marked enlargement of spleen, those whose clothing and appearance betokened poverty suffered almost without exception from greatly enlarged spleen.

As it was very desirable that the conditions which led to this great epidemic of malaria should be carefully enquired into, with the object of concerting measures for preventing or dealing with future outbreaks the Government of India were asked to depute a special officer for this purpose. They accordingly deputed Captain Christophers, I.M.S., who is at present carrying out his investigations.

The serious mortality from fevers at Amritsar again brought into prominence the question as to the extent to which outbreaks of malaria are dependent upon water-logging of the soil. The subject is an old one and was under consideration, first by the Sanitary Commissioner, and afterwards by the Sanitary Board and by Government from 1891 to 1903 when, owing to its having been considered as unlikely to serve any practical purpose it was allowed to drop.

The existence of water-logging in the neighbourhood of Amritsar and the practicability of remedying it are questions which largely concern irrigation engineers, and an officer of the Irrigation Department has been deputed to enquire into, and report upon, them.

37. At all places I visited I was able to find, with but little trouble, considerable number of anopheles mosquitoes in both in their immature stages and as perfect insects. The species found were chiefly *N. fuliginosus*, *N. stephensi*, *M. rossii* and *M. culicifacies*. This last is reputed to be the common malaria-carrying mosquito in the Punjab. Measures for the prevention of malaria by the destruction of mosquitoes were carried out as usual in the towns of Gujrat and Gujranwala.

Almost the only other measure taken for dealing with the outbreak of malaria was the distribution of quinine either free or for sale, at cost price or below it.

As soon as a serious outbreak of fever appeared to be likely, Government made arrangements for the distribution of quinine on a large scale and also addressed municipalities on the subject of anti-mosquito operations towards the cost which they offered to contribute. The very heavy and frequent floods, however, from which nearly every place suffered, rendered the destruction of mosquito breeding places impracticable. For it should be mentioned that many towns were flooded not only by the local rainfall but by hill torrents, or by the collected drainage of the surrounding country. Gujrat, for example, suffered from a series of floods coming from the hills in adjacent parts of Jammu, and the drainage of larger tracts converged upon Sonapat and Palwal.

The practicability of preventing such floods is an engineering question demanding very careful consideration.

38. The Civil Surgeon of Dera Ghazi Khan reported an outbreak of typhus fever in Hajipur, a village in the Rajanpur tahsil. He saw several cases himself, and was of opinion that the disease was undoubtedly typhus. The disease was confined mostly to one part of the village, and appeared to be conveyed by contagion infection other than by means of fomites. There were altogether 50 cases and 30 deaths. The Civil Surgeon states that the symptoms of the disease were "classical, except that no rash was seen even in the

axillae. The crisis occurred about the fifteenth day, the patient either dying or rapidly recovering. Two marked features were the extreme coma and extremely sordid condition of the mouth."

39. There was an outbreak of Enteric Fever at Simla during this summer when 35 cases occurred, 3 of which were fatal. The outbreak formed the subject of a special enquiry and report to Government. It was found that 12 of the cases, including some of the earliest, had contracted the disease before their arrival in Simla.

As directed in the concluding portion of paragraph 4 of the Review on the Sanitary Report for 1907, I made a special enquiry into the system of registration pursued in Delhi and the conditions of health in the city generally, and reported the result to Government. The Civil Surgeon of the district considered that the mortality ascribed to fevers in Delhi during the spring of 1907 was in reality due to plague, and with this opinion I agree. Deaths from plague in Delhi are commonly reported as having been due to fevers in order to avoid the interference with privacy that the report of a death from plague might entail. Early in April 1907 the defect was detected, and the President, Municipal Committee, Delhi, was requested to have deaths occurring from different diseases in the Municipality entered under the proper heads. Until however responsibility for the correct reporting of the cause of death is recognised by the people of Delhi little improvement can be expected in death registration under the present system in which no medical testimony as to the cause of death is required.

40. **Dysentery and Diarrhoea.**—The mortality under this head amounted to 21,103 giving a death-rate of 1.05 *per mille* of population as against 0.75 in 1907 and in the quinquennium.

Annual Form No. X.

As pointed out in a previous report when there is an increase in the death-rate from fevers, there is likewise an increase under that from dysentery and diarrhoea. For example, in the month of October when the death-rate from fevers was the highest recorded, in the year under report, the deaths reported under this head were 4,097, also the highest for that period. In comparing the two sets of figures it will be observed that they follow much the same course.

The urban death-rate was 2.90 as against 2.00 in 1907, the rural death-rate was 0.84. The death-rate in towns is invariably higher than in rural circles.

41. **Respiratory Diseases.**—The total mortality attributed to diseases of the respiratory organs was 64,744, furnishing a death-rate of 3.22 or an increase of 0.02 over the rate for 1907 and of 0.19 over that for the quinquennial period. The highest death-rates registered were in the districts of Dehli, Gurdaspur, Ambala, Ludhiana, Jullundur and Sialkot and the lowest in Muzaffargarh, Multan, Montgomery, Mianwali, Shahpur and Attock.

As explained in previous reports there is a great deal of misclassification under this head, and deaths from this cause are apparently recorded under the head "all other causes" in some districts.

The urban rate which amounted to 5.94 is 0.71 below that for 1907 while the rural rate of 2.92 shows an increase of 0.10.

42. **Injuries.**—The total number of deaths from injuries amounted to 7,027, giving a death-rate of 0.35. Of this number 305 (136 males and 169 females) were due to suicide, 897 to snake-bite, 86 to hydrophobia, 105 to injuries received from wild beasts, 567 to wounds and 5,067 to accidents.

Annual Form No. II.

43. **All other causes.**—The deaths under the head "all other causes" numbered 158,536 with a death-rate of 7.88, an increase of 0.88 over the normal for the previous five years.

Annual Form No. II.

As explained above the high death-rate under this head in many districts is apparently due to misclassification.

44. **Results of antirabic treatment.**—During the year 1,389 patients underwent antirabic treatment at the Pasteur Institute at Kasauli as against 1,349 in 1907. Of this number 342 were Europeans and 1,047 Indians, the failures being 5 only, all among Indians.

Section IX.—Sanitary Works.

45. Appendix B to my report contains the report drawn up by the Sanitary Engineer to Government, Punjab, on sanitary works for the year 1908.

46. During the year, the total income derived from the sale of manure in municipal towns amounted to Rs. 1,49,813 as against Rs. 1,58,973 in the preceding year. The districts which realized the largest sums were Amritsar, Sialkot, Delhi, Lahore and Gujranwala.

47. During the year 8,780 wells were cleaned and 706 parapets constructed at a total cost of Rs. 51,869, showing a considerable increase as compared with last year. The following districts spent the largest sums :—Multan, Rs. 26,096 ; Amritsar, Rs. 3,760 ; Hissar, Rs. 4,184 ; and Hoshiarpur, Rs. 2,925. In addition to the above parapets 88,977 cubic feet in area were constructed at Rs. 2,296 in the Kangra district. In the Muzaffargarh district, besides the cleansing of wells, two new wells were sunk at a cost of Rs. 319 and 500, respectively. The Deputy Commissioner, Karnal, states that he issued orders during the year for wooden gratings to be placed over all wells in *abadis* owing to the number of cases reported of suicides by women in wells. The orders have been complied with to a very great extent.

48. According to the rules regarding the distribution of grants-in-aid to villages in the Chenab Colony mosques and *dharamsalas* were debarred as objects on which such grants were permitted to be spent. The Deputy Commissioner of Lyallpur urged the necessity of making the rewards to villages available for religious buildings and of revising the rules in respect of these grants. The word "reward" was substituted for "grants-in-aid" at a meeting of the Sanitary Board, Punjab, when it was also resolved that sums allotted to villages in the Chenab Colony as rewards for good sanitation, should, if possible, be made available for assisting in the construction of mosques, *dharamsalas*, and guest-houses should the villagers with the consent of the Deputy Commissioner desire to expend the rewards on such objects. The Board also approved of certain alterations in the rules recommended by the Financial Commissioner. A sum of Rs. 25,740 was utilized and a description and the manner in which this amount was spent is given in the following extract from a report of the Deputy Commissioner, Lyallpur. A sum of Rs. 2,150 was made over to the Deputy Commissioner, Gujranwala, for distribution to villages in his colony. Out of this he offered two cash rewards of Rs. 1,000 each to the Rakh and Gogera branches of his colony. He examined several villages and by keeping a system of allotting marks for the different matters for which attention was required found mauzas 174 in the Rakh and 525 in the Gogera, the cleanest and best planted with young trees. He also distributed Rs. 150 for *khillats* to be awarded to various lambardars and abadkars for work done by them in the colony during the past year. In the part of the colony under his charge, the Deputy Commissioner of Lyallpur distributed rewards of Rs. 1,000 each to three villages in the Lyallpur tahsil, to nine in Samundri, six in Toba Tek Singh and five in Chiniot. In sixteen of these villages the inhabitants were immigrant colonists and in the rest all Janglies. Each of these villages had a well with a raised *pacca* coping, clean protected tanks and regular places for storing manure outside the village. Village streets and compounds were clean and free from holes and pits and a regular staff of sweepers was maintained for village sanitation and for the daily removal of night-soil and manure. With this money it was decided to build twenty *musafirghanas*, a school, a *pacca* tank and a set of new gateways. Rs. 590 were spent on *sanads* and *khillats*.

49. In accordance with the orders of the Government of India sanitary note-books are maintained in selected villages in the district mentioned in my previous reports. The Deputy Commissioner of the Jhelum district states that every village in his district has been

supplied with a note-book, and *ilaquadars* have been instructed to note from time to time the sanitary state of the villages. The Deputy Commissioner of Muzaffargarh reports that 13 villages were supplied with village sanitary note-books and the instructions contained therein were carried out as far as possible. In the Kangra district 12 selected villages have been supplied with village sanitary note-books and the zaildars of those villages submit periodical reports in connection with sanitary measures taken thereon.

The rewards offered by District Boards for the best results shown in sanitary improvements in villages were as usual very few, either for want of funds or on account of interest on the part of village communities. In the district of Gujranwala plague rewards were allotted and several of the local plague officials did excellent work in getting villages cleaned and sweepings removed to a reasonable distance. In the colony villages two rewards of Rs. 1,000 each were granted to villages which had done good work in the cause of sanitation generally.

50. The following works of public utility were constructed by private individuals at their own expense to serve sanitary purposes during the year 1907-08 :—

Rohtak District.—A *dharamsala* in the town of Beri at a cost of Rs. 10,000 by Lala Chhajju Ram, Sahukar (Banker) of Beri.

Delhi Division.

Karnal District.—A *pacca dharamsala* (rest-house for travellers) at Radaur at a cost of Rs. 6,800 by Mussammat Raj Devi and Mussammat Bichhi, widows of Radhapal, Mahajan of Radaur in the tahsil of Thanesar.

Ambala District.—A *sarai* at Chamkaur at a cost of Rs. 2,500 by Babu Kashi Ram, son of Prabhu Dial, Ahlowalia of Chamkaur. A *sarai* at Machhrauli at a cost of Rs. 2,000 by Shahji Allah Bakhsh of Machhrauli.

Kangra District.—A *dharamsala* or *musafirkhana* (rest-house) of masonry at Gopipur in the tahsil of Dehra, at a cost of Rs. 9,000 by Khazana, son of Sibba Sud of Dehra. A *musafirkhana* (rest-house) of *pacca* masonry at Dhaliara village on the cartroad from Hoshiarpur to Kangra, Dehra tahsil.

Jullundur Division.

An arched bridge of *pacca* masonry on the Maunni Khad in the Inandal village for the villagers, &c., at a cost of Rs. 3,000 by Lala Barru Shah, son of Longa Mal, Mahajan of Masrer village in the tahsil of Kangra.

A *musafirkhana* of *kacha-pacca* masonry at Daulatpur village, Kangra tahsil, for the accommodation of travellers on the road from Hoshiarpur to Kangra at a cost of Rs. 2,500 by Tara Shah, son of Shib Das, Khatrī, of Daulatpur.

Hoshiarpur District.—A *kacha-pucca musafirkhana* (rest-house) on Dasuya-Dharmpur road near village Chamohi at a cost of Rs. 4,000 by Dharma, son of Ruldu, Brahman, of Chamohi, tahsil Dasuya.

Jullundur District.—A *kothi* (bungalow) with 3 wells near the village of Jhanderan at a cost of Rs. 4,030 by Harnam Singh, son of Anup Singh, of Jhanderan.

Ferozepore District.—School building at Saffanwali in the Fazilka tahsil at a cost of Rs. 2,000 by Jaimal Rai, biswedār.

School building at Jandwala at a cost of Rs. 15,000 by Sultan Muhammad, son of Bhime Shah.

Lahore Division.

Amritsar District.—Wells on Lahore road near Cotton Mills at Amritsar at a cost of Rs. 1,100 by Lala Sham Das, Honorary Magistrate, Amritsar.

Sialkot District.—A *sarai* opposite the Railway Station at Sialkot at a cost of Rs. 11,000 by Lala Rupe Shah, Municipal Commissioner, Sialkot.

Multan Division.

Jhang District.—An eye-ward at a cost of Rs. 6,072 by subscriptions collected throughout the district.

Muzaffargarh District.—A *sarai* of *pacca-kacha* masonry at Muzaffargarh at a cost of Rs. 8,000 by Mussammat Dhanni Bai, widow of Khana Lal Ganda of Muzaffargarh.

Section X.

51. The appointment of Sanitary Commissioner, Punjab, was held by me throughout the year and that of Deputy Sanitary Commissioner, Punjab, by Major E. L. Perry, I.M.S.

52. During the month of January I visited Lyallpur, Multan and Shujabad and in February inspected the Lahore conservancy tramway and the towns of Muzaffargarh, Khangarh and Montgomery. I also inspected the test works at Ghumrauj in the Gurgaon district. In March I proceeded to Kasauli in connection with the proposed location of the Punjab Vaccine Institute there during the hot weather. I also toured through the Dera Ghazi Khan district inspecting the sanitation and vaccination of the towns of Dera Ghazi Khan, Jampur, Dajal, Rajanpur and Mithankot. During the month of April I visited the towns of Delhi, Simla, Gurdaspur and Amritsar, and in May, Gujranwala, Sialkot, Gujrat and Dharmasala and then proceeded to Jawalamukhi in the Kangra district where cholera had broken out on the conclusion of the fair. On return I at once proceeded to Kitis where an out-break of cholera had also occurred. I also visited Pind Dadan Khan. I then accompanied the Local Government to Simla. In June I returned to Lahore to enquire into and report on an out-break of cholera, and also to conduct the oral examination of the Hygiene class of the Medical College. I also inspected the town of Kasur which had suffered from a severe out-break of cholera after which I proceeded to Simla and acted as a member of the Committee appointed to consider the question of devising standard plans for hospitals and dispensaries. During the month of August accompanied by the Sanitary Engineer to Government, Punjab, I inspected sewage disposal works at Simla and visited the Lawrence Military Asylum, Sanawar, and Dalhousie returning to Simla. In September I inspected the sanitation and vaccination of the towns of Murree, Delhi, Karnal, Solan and Kalka and on my return to Simla acted as member of the committee appointed to investigate the cause of the out-break of enteric fever in Simla and to suggest measures for the prevention of the disease. In October I inspected vaccinations in the Bhagat State and at Kasauli. During the month of November I visited Ambala and inspected the Lahore dumping grounds. In connection with the high mortality from malaria fevers I visited the towns of Amritsar, Ferozepore, Gujrat and Bhera and in December the towns of Delhi, Sonapat and Palwal.

53. Major E. L. Perry, D.P.H., I.M.S., Offg. Deputy Sanitary Commissioner, Punjab, inspected the towns of Mukerian, Batala, Gurdaspur and Pathankot. He toured also in the districts of Gurgaon, Kangra, Sialkot, Ambala, Karnal, Lahore, Montgomery, Hoshiarpur, Gurdaspur and Ferozepore and in the Native States of Mandi, Rampur Bushahr, Bilaspur and Kumbharsain. In addition he visited about 368 towns and villages.

54. Civil Surgeons inspected 186 towns and 2,194 villages during the year compared with 205 and 2,318 in the year preceding. Assistant Surgeons inspected 33 towns and 132 villages as against 7 towns and 8 villages last year.

55. The Manager, North-Western Railway, states that so far as he is aware no new towns have sprung up during the year 1908 in the vicinity of North-Western Railway Stations. Villages and Mandis have no doubt been laid out, and their construction has in some cases been put in hand.

56. Fifteen pounds of quinine were purchased by the District Board of Hissar and distributed over the district through Tahsildars to zaildars and lambardars for use in their villages. For the towns each of the municipalities purchased the drug for distribution through municipal members to the people living within municipal limits. An extra supply was also made to the dispensaries by the several Local Bodies to meet the demand and a large quantity was then disposed of. When the vaccinators are touring through the district they are made use of to distribute powders containing quinine to the people in the villages they visit. In the district of Rohtak quinine was issued to the villages.

of the district free of cost during the malarial season at the expense of the District Board and provincial funds and encouragement of its use was advocated by preaching its prophylactic value. The District Board of Gurgaon purchased one hundred pounds of quinine for sale and free distribution in villages. Quinine was also distributed gratis to the poor who were willing to take it, and the dispensaries were largely resorted to during the outbreak. One hundred and twenty pounds of quinine were distributed by the Delhi Municipal Committee and the District Board in addition distributed two hundred and eighty-three pounds by various dispensaries in the district. On the outbreak of malarial fever quinine was largely distributed through the various agencies both in the city and the district. The District Board of Karnal purchased one hundred pounds of quinine for distribution in villages through zaildars, etc.: out of which about sixty-five pounds were distributed. The plague and vaccination staff was also employed for this purpose. The District Board of Ambala distributed nine pounds of quinine through Tahsildars and one pound was doled out by the vaccinators in the Rupar thana. The plague staff used up three pounds of the drug in tablet form in treating cases when on tour while thirty-one packets containing one hundred and two powders of five grains each, were supplied to native druggists by the Lahore Central Jail through the Inspector-General of Civil Hospitals, Punjab. The Civil Surgeon states that the District Board of Ambala by resolution have expressed their unwillingness to trust vaccinators as distributors of quinine being of opinion that confidence cannot be placed in this class of the public service. As a consequence of this resolution the services of these men though available were not used except to a very slight extent in the recent epidemic of malaria. Four pounds of quinine were distributed by the Civil Surgeon of the Kangra district, while on tours of inspection and the remainder of the distribution was carried out by Tahsildars. The District Board of Hoshiarpur purchased quinine worth Rs. 500 for free distribution, through the tahsil agency and the dispensaries in the district. The municipality of Hoshiarpur distributed quinine through the *hakim* who is a municipal servant. Quinine was also distributed through the vaccination staff, plague officials as well as the Civil Surgeon himself. In the Ludhiana district quinine was distributed gratis by the District Board and the Municipalities. About one hundred pounds of the drug were so used and Hospital Assistants were deputed to itinerate in the villages. In the Ferozepore district large quantities of quinine were distributed through the agency of Tahsildars, lambardars, patwaries, vaccinators and the plague staff besides the dispensaries. The Deputy Commissioner of the district himself distributed quinine while on tour. Over two hundred pounds of quinine were used. The Lahore District Board distributed widely free of cost quinine to the value of Rs. 1,040 during the last fever season. Similarly the Lahore and Kasur municipalities distributed quinine free within their limits at a cost of Rs. 1,000 and Rs. 150, respectively. Quinine was distributed in Amritsar on a very large scale in the form of pills and mixtures especially in the form of Amritsar Fever Mixture. The quantity distributed was 97 lbs. in pills and 320 lbs. in the form of Amritsar Fever Mixture; in addition 116 ozs. were distributed in the city for the children who took it easily with milk. In the city of Amritsar quinine was distributed by Vaccinators, Compounders, Teachers, Managers of factories, private individuals, local *hakims* and others and in the district by the Hospital Assistants in charge of District Dispensaries, Tahsildars and lambardars. The Plague Department distributed 26,000 pills and some 5,000 quinine tablets of 5 grains each. In the Gujrat District nearly five hundred pounds of quinine were distributed. The total cost was Rs. 5,831. In the Shahpur district quinine was freely distributed over 100 pounds being spent. The Deputy Commissioner, Jhelum, states that Government generously ordered quinine to be distributed at cost price, half-price or free, and this helped considerably in checking the disease. In the Rawalpindi district 171 pounds of quinine were distributed. In addition to this amount the District Board, obtained 711 pice packets of quinine from the Central Jail of Lahore and distributed them in the district. The Civil Surgeon of the Attock district states that in addition to the usual supply through the district hospitals (which too were supplied with and used more than double the average amount) 12,000 packets of quinine were distributed through the members of the District Board and Tahsildars and 5,000 packets through vaccinators. In the district of Mianwali quinine worth Rs. 600 and Rs. 200

was distributed during the malarial season, 40 pounds of quinine sulphas were purchased by the District Board and distributed gratis through official and non-official agencies. The various Municipal Committees also purchased quantities of the drug according to their requirements and distributed it through Municipal Commissioners and other leading men. In the Jhang District quinine was distributed in large quantities both as prophylactic and curative through various agencies, and three itinerating dispensaries were started for the purpose in addition to the existing medical institutions. Through these agencies 76 pounds of quinine were distributed. In the Multan district quinine was distributed in 5 grain and 2 grain packets free by the agency of Tahsildars, Naib Tahsildars, lambardars and chaukidars, also by all school-masters. In the Muzaffargarh district 44 pounds of quinine were provided by the District Board and the Municipality. The Civil Surgeon of the Dera Ghazi Khan district states that in consultation with the Deputy Commissioner it was arranged that all officials should be supplied with quinine freely for distribution to any one who required it. All Tahsildars were supplied with quinine, who in turn supplied zaildars and they again lambardars so placing it within easy reach of the general public. All tumandars too were supplied and they distributed the quinine in their own tumans. As soon as the vaccination season commenced all vaccinators were supplied with quinine and they during their visits distributed it to all those who required it. At the dispensaries quinine was freely distributed as far as possible, but though ordered early in September was not received till the middle of November. In the Sialkot district 195,000 quinine powders of five grains each were distributed gratis. Quinine was also distributed in the districts of Jullundur, Gurdaspur, Gujranwala and Lyallpur.

57. As the Provincial Laboratory of the Punjab, the Pasteur Institute at Kasauli, during the year 1908, examined and reported on the following specimens —

| | | | | | |
|---|-----|-----|-----|-----|-----|
| 1. Serum diagnosis for Typhoid and Malta Fever | ... | ... | ... | ... | 275 |
| 2. Examination of blood for malarial parasites | ... | ... | ... | ... | 53 |
| 3. Examination of sputum and other discharges for tubercle bacilli | ... | ... | ... | ... | 44 |
| 4. Examination of tumours | ... | ... | ... | ... | 50 |
| 5. Miscellaneous examinations (includes examination of water, opsonic tests, &c.) | ... | ... | ... | ... | 224 |
| Total... | ... | ... | ... | ... | 646 |

In addition to the above, 24 cases were treated by vaccines necessitating daily observation of the changes in the blood for periods as long as six months.

58. A further increase occurred during the year in all of the municipalities that dispose of sullage to cultivators, except Lahore, both in the amount of land under sewage irrigation and in the income derived from the sale of sullage. In Delhi, the number of acres rose from 94 in 1907 to a little over 140 in 1908 and the prices paid from Rs. 1,880 to 2,804, respectively. In Amritsar, the area increased from 382 to 385.17 acres and the amount realized from sale proceeds from Rs. 4,233 to Rs. 4,345. In Ambala the land under sewage irrigation was the same, viz., a little over 10 acres and the income amounted to Rs. 684 against Rs. 471 in the previous year. In Ludhiana the number of acres was the same as last year, viz., 36.08, but the amount of income was Rs. 314 or Rs. 206 more than that in 1907. In Lyallpur there was an increase of 7 acres over that in the previous year and the amount paid for the sullage rose from Rs. 573 to Rs. 951. There were 10.07 acres of land under sewage irrigation in Ferozepore, showing an increase of 2.01 acres compared with the previous year. The income rose from Rs. 120 to Rs. 201. In Gujranwala the amount of land was 28 against 25 acres in the preceding year and the income amounted to Rs. 322 as compared with Rs. 318 in 1907. In Gujrat the area under sewage irrigation increased from 9½ to 10 acres and the price paid for sewage was the same as in the previous year. In Jullundur both the number of acres and the amount realized were the same as reported last year, viz., 24 acres of land with an income of Rs. 400. In Lahore the number of acres declined from 503.31 to 482 and the income from Rs. 4,585 to Rs. 4,355. The decrease in Lahore is due to a part of the land formerly under sullage irrigation being now irrigated by canal water and the income collected by the Canal Department and partly to an alteration in the conservancy arrangements.

LAHORE:
15th May 1909.

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E. WILKINSON, MAJOR, I.M.S.,
Officiating Sanitary Commissioner, Punjab.

APPENDIX A.

PROCEEDINGS OF THE SANITARY BOARD.

There were three meetings of the Sanitary Board held during the year 1908. A brief account of the work is given below.

A sum of one lakh was placed at the disposal of the Sanitary Board out of the sanitary grant given by the Government of India, for distribution to municipalities as grants-in-aid for sanitary works during 1908-09, inclusive of Rs. 30,000 the usual grant. The following allotments were made by the Board to municipalities to the extent and for the purpose noted against each: *Multan*—drainage work, Rs. 20,000; *Lahore*—improvement of the drainage of the civil station towards the Chowburji Rs. 19,378; *Multan City*—towards the extra cost of the drainage scheme Rs. 5,000; *Kasur Municipality*—Kot Rukan-din drainage scheme Rs. 9,700; *Muzaffargarh*—extension of the sewage out-fall-channel Rs. 3,000.

The grant-in-aid of Rs. 8,000 for the water supply of Pind Dadan Khan withdrawn by the Public Works Department last year owing to the unfavourable agricultural conditions in the province was re-allotted to the municipality, and a further grant of Rs. 4,000 was also made, thus making a total allotment towards the two schemes of Rs. 15,000 inclusive of Rs. 3,000 sanctioned in 1905. It was a condition of this grant that the money should not be paid to the Municipal Committee but should be retained in the hands of the Public Works Department, and that the Municipal Committee provide in the current year whether from Municipal Funds or private subscription the balance of Rs. 3,056 required to meet the total expenditure on both schemes and arrange to have them carried out within the current financial year.

The grant of Rs. 2,500 sanctioned by Government for experiments in connection with sanitation during the year 1908-09 was placed at the disposal of the Sanitary Engineer to Government, Punjab.

The applications for grants-in-aid from Hazro and Rawalpindi Municipalities for intra-mural drainage schemes were not entertained, as detailed estimates of the schemes were not formally sanctioned and the Board was also unable to make any grant to the Municipalities of Dera Ghazi Khan, Jampur and Dajal, as plans and estimates of the proposed works had not been submitted.

The District Boards of Rawalpindi and Dera Ghazi Khan also applied for grants-in-aid for paving of streets of Gujar Khan and water supply and sanitation, respectively, but as the Board at that time had no funds placed at its disposal for the assistance of District Boards the applications were not entertained.

The drainage project of the Shujabad town was returned with the remark that a new scheme should be drawn up for the drainage of the whole town on the lines indicated by the Sanitary Engineer.

The following schemes were sanctioned by the Punjab Government, Public Works Department, Buildings and Roads Branch :—

Drainage scheme of the city of Chiniot in the Jhang District, Rs. 59,783; drainage scheme of Bhalwal town in the Jhelum Colony, Shahpur District amounting to Rs. 51,064; water supply scheme for the Pind Dadan Khan town amounting to Rs. 21,318; drainage of the Sargodha city blocks 9 (parts 13, 14 and 15) at Rs. 18,931; revised estimates for the improvement to the Lohgarh Gate city drainage and Hathi Gate city drainage at Amritsar at Rs. 39,345; and Rs. 11,902 respectively.

The Board considered the proposals of the Government of India and the letter of the Officiating Sanitary Commissioner, Punjab, regarding the improvement of the sanitary services in India and offered certain suggestions to Government on the different points.

The alterations in the rules on the subject of grants-in-aid for improvement in village sanitation recommended by the Financial Commissioner, Punjab, were approved by the Board, and the correspondence regarding the objects on which sanitary grants-in-aid to villages in the Chenab Colony may be spent was read and considered, and it was resolved that the sums allotted to villages in the Chenab Colony for good sanitation should, if possible, be made available for assisting in the construction of mosques, *dharmshalas* and guest-houses, should the villagers, with the consent of the Deputy Commissioner, desire to expend the rewards on such objects. The Board suggested that in order to mark the character of these allotments the expression "reward" should be substituted for that of "grant-in-aid" whenever it occurs in the existing rules.

During the year Government delegated power to the Sanitary Board to allot grants up to a total of Rs. 50,000 to District Board on conditions similar to those on which grants are made to Municipalities, provided such grants are not actually made until the approval of Government is obtained.

APPENDIX B.

ANNUAL REPORT OF THE SANITARY ENGINEER TO GOVERNMENT, PUNJAB, FOR THE YEAR 1908.

Mr. Goument, the permanent Sanitary Engineer, was deputed to the United Provinces for a short period at the special request of that Government for the loan of his services. During his absence Mr. Bagley officiated. Shortly after his return to duty Mr. Goument on being relieved by Mr. Baines again proceeded to the United Provinces and was eventually permanently transferred to that province.

The periods during which each officer held charge are as follows :—

Mr. C. E. V. Goument, 1st January to 31st March 1908.

Mr. W. A. Bagley, 1st April to 10th July 1908.

Mr. C. E. V. Goument, 11th July to 23rd July 1908.

Mr. H. M. Baines, 24th July to the end of the year.

SIMLA.—The hydro-electric scheme roughly drawn up in 1904 to utilize the water power in the Nauti Khud for increasing the water supply of Simla and light the station with electricity was approved by the Government of India, and a special Public Works Division with Mr. Wilson, temporary Engineer in charge, was opened towards the close of the year for the purpose of preparing the fair project and carrying out the work.

The Sanitary Engineer made the usual half-yearly inspections of the water supply and sanitary arrangements of the Viceregal Estates at Simla.

LAHORE.—The work of constructing 12 new wells in extension of the present system of trench wells at the head works of Lahore water supply for which an estimate amounting to Rs. 73,000 was sanctioned in the previous year was nearing completion at the close of the year.

Thirty-six more waste meters were fixed on house connections during the year.

LUDHIANA.—The water works scheme (estimated cost Rs. 4,30,468) approached completion. The completed work was handed over to the Municipal Committee for maintenance during the year.

AMRITSAR.—The work of intramural drainage was well in hand on four areas in the city. The work on Hathi Gate area was put in hand.

DELHI.—The intramural drainage works under construction by the Public Works Department were completed and handed over to the Municipal Committee for maintenance during the year under report.

The work of the suburban drainage project (estimated cost Rs. 3,79,000) has been put in hand and is being carried out by the municipal Engineer.

The following other sanitary works were completed during the year :—

| | Rs. |
|---|--------|
| 1. Water supply, Agricultural College, Lyallpur | 9,700 |
| 2. Drainage works at Jhelum | 17,851 |
| 3. Drainage works at Hazro | 15,989 |
| 4. Water supply to Remount Depot, Sargodha, for stock and attendants | 29,000 |
| 5. Water supply to Remount Depot, Sargodha, for officers' residence | 12,072 |

The following Sanitary works were in progress:—

| | | | | | |
|---|-----|-----|-----|-----|--------|
| 1. Drainage works at Cambellpur | ... | ... | ... | ... | 12,378 |
| 2. Water supply at Cambellpur | ... | ... | ... | ... | 34,268 |
| 3. Bahlwal drainage | ... | ... | ... | ... | 50,110 |
| 4. Flushing arrangements at Sargodha | ... | ... | ... | ... | 3,767 |
| 5. Water supply of the town of Pind Dadan Khan | ... | ... | ... | ... | 21,318 |
| 6. Drainage of the town of Pind Dadan Khan | ... | ... | ... | ... | 4,554 |
| 7. Sangla drainage works | ... | ... | ... | ... | 37,737 |
| 8. Majitha drainage works | ... | ... | ... | ... | 7,923 |
| 9. Sanitary fitting and drainage works at Barnes Court, Simla | ... | ... | ... | ... | 1,100 |

Estimate for the following sanitary works were sanctioned during the year, but the works not put in hand:—

| | | | | | |
|---|-----|-----|-----|-----|--------|
| 1. Drainage of Blocks 9 (in part), 13, 14 and 15 | ... | ... | ... | ... | 18,031 |
| 2. Improving and extending the water supply of Central Jail, Montgomery | ... | ... | ... | ... | 12,984 |
| 3. Chiniot City, drainage | ... | ... | ... | ... | 59,000 |
| 4. Drainage of the western part of the city of Gujranwala | ... | ... | ... | ... | 15,417 |

The following estimates were scrutinized and approved by the Sanitary Engineer during the year:—

| | | | | | |
|--|-----|-----|-----|-----|--------|
| 1. Proposed slaughter-house at Rohtak | ... | ... | ... | ... | 2,321 |
| 2. Extension of the sewage outfall channel of town of Muzaftargarh | ... | ... | ... | ... | 2,700 |
| 3. Constructing protecting bund round Killa Soba Singh in Sialkot District | ... | ... | ... | ... | 3,000 |
| 4. Pattoki Mandi | ... | ... | ... | ... | 39,531 |
| 5. Dry pitching the supply channel from storage tank to filter beds, Sargodha Depot water supply | ... | ... | ... | ... | 1,517 |
| 6. Building surface and sullage drains to Peterhoff at Simla | ... | ... | ... | ... | 4,555 |
| 7. Drainage of Kot Rukan Din at Kasur | ... | ... | ... | ... | 9,700 |
| 8. Construction of a drain outside Mori Gate, Kasur | ... | ... | ... | ... | 2,911 |
| 9. Construction of a pucca drain at the north-east side of Karnal City. | ... | ... | ... | ... | 3,943 |
| 10. Drainage of Government Telegraph Office, Lahore | ... | ... | ... | ... | 3,771 |
| 11. Drains of Munshi Mohalla at Lyallpur | ... | ... | ... | ... | 1,226 |
| 12. Slaughter-house at Amritsar | ... | ... | ... | ... | 5,486 |

The very heavy rains at the end of August and the early part of September showed up defects in the drainages surrounding many towns in the province. At Amritsar the sub-soil water rose up to ground surface and there was much sickness in the town and surrounding villages. Fazilka, in the Ferozepur District, suffered perhaps more than any other place in the province. There the surface drainage combined with spill water from the canals was concentrated on the town and flooded it out. Many houses fell down and of those that remained standing there were very few that did not suffer from the effects.

The statement attached shows the quantity of water pumped and used during the year at several water works stations in the province and the cost of pumping.

In addition to his ordinary duties, the Sanitary Engineer supervised the working of the Boiler Inspector's department and acted as President of the Board of Examiners under the Punjab Steam Boiler and Prime Movers Act for issue of qualification certificates to Engineers and Engine Drivers in the province. The Board held three sittings and granted 205 certificates during the year. The Boiler Inspector made 306 examination of boilers, and the fees collected by him for licenses issued amounted to Rs. 13,687.

H. M. BAINES,

Sanitary Engineer to Government, Punjab.

STATEMENT A.

STATEMENT OF WATER PUMPED AND USED IN THE 8 (EIGHT) WATER WORKS STATIONS, SIMLA, DELHI, LAHORE, AMBALA, AMRITSAR, SARGODHA, LYALLPUR AND LUDHIANA, AND COST OF PUMPING.

| Name of Station. | Population served according to last census. | WATER USED. | | WATER PUMPED. | | FUEL USED. | | Cost. | | | | Lift including friction head. | Cost of 100,000 gallons lifted 100 feet. | REMARKS. |
|------------------|---|------------------|----------------|------------------|--|---------------|-----------------|----------------|------------------|----------------|--------|-------------------------------|--|----------|
| | | During the year. | Daily average. | During the year. | In the three Hot months April to June. | Description. | Quantity. | Value of fuel. | Value of stores. | Establishment. | Total. | | | |
| 1 | 2 | 3 | | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 |
| Simla | 31,153 | 103,517,945 | 282,836 | 55,977,309 | 27,804,417 | Wood and coal | Mds. 48,577 | 23,469 | 4,763 | 7,311 | 35,543 | 1,300 | 4.88 | |
| Delhi | 1,78,528 | 655,330,000 | 1,790,519 | 655,330,000 | 203,570,000 | Steam coal | Cwts. 25,040 | 21,217 | 1,968 | 5,244 | 28,429 | 1155 | 2.79 | |
| Lahore | 1,86,884 | 615,993,995 | 1,683,044 | 615,993,995 | 171,902,254 | Coal | Mds. 19,286 | 11,857 | 491 | 4,831 | 17,179 | 100 | 2.78 | |
| Ambala | 28,200 | 88,093,518 | 2,40,693 | 88,179,088 | 25,077,159 | Keekar Wood | 20,857 | 5,869 | 356 | 4,342 | 10,567 | 274 | 4.38 | |
| Amritsar | 1,61,039 | 225,963,276 | 6,17,386 | 225,963,276 | 72,849,020 | Coal | 7,217 | 5,113 | 679 | 4,085 | 9,877 | 82 | 5.33 | |
| Sargodha | 6,000 | 16,527,508 | 45,157 | 16,527,508 | 4,710,829 | Coal | 2,599 | 2,082 | 483 | 2,265 | 4,830 | ... | ... | |
| Lyallpur | 13,470 | 30,316,319 | 82,831 | 30,316,319 | 8,704,495 | Fuel | 1,331 | 499 | 82 | 4,261 | 4,842 | 42 | 38.02 | |
| Lndhiana | 48,649 | 10,705,128 | 29,249 | 10,705,128 | ... | Coal | Tons. 25 | 369 | 225 | 1,286 | 1,888 | ... | ... | |

APPENDIX C.

Statement showing the death-rates from Cholera, Small-pox, Fevers, and Dysentery and Diarrhæa for the five years preceding, and for the period since the introduction of drainage or water-supply, or both in the undermentioned towns:—

| Towns. | DATE OF COM- PLETION OF WORKS OF | | AVERAGE ANNUAL DEATH-RATE SINCE THE INTRODUCTION OF DRAINAGE OR WORK SUPPLY, OR BOTH. | | | | AVERAGE ANNUAL DEATH-RATE FOR THE FIVE YEARS PERIOD PRECEDING THE INTRODUCTION OF DRAINAGE OR WATER-SUPPLY, OR BOTH. | | | | REMARKS. |
|----------------|--|---------------|--|------------|---------|-------------------------------|--|------------|---------|-------------------------------|----------|
| | Drainage. | Water-supply. | Cholera. | Small-pox. | Fevers. | Dysentery and Diarrhæa. | Cholera. | Small-pox. | Fevers. | Dysentery and Diarrhæa. | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| Delhi ... | ... | 1893 | 0·1 | 0·6 | 28·7 | 1·8 | 0·4 | 0·6 | 26·7 | 1·9 | |
| Ambala ... | ... | 1895 | 0·3 | 0·6 | 12·7 | 4·1 | 0·5 | 0·4 | 19·3 | 6·4 | |
| Simla ... | 1893 | 1893 | 0·02 | 0·5 | 14·1 | 0·8 | ... | 1·1 | 17·1 | 1·4 | |
| Lahore ... | ... | 1881 | 0·9 | 0·8 | 20·1 | 1·7 | 1·9 | 1·6 | 27·8 | 2·3 | |
| Amritsar ... | ... | 1904 | 0·4 | 2·0 | 30·3 | 2·1 | 0·4 | 0·7 | 31·3 | 1·8 | |
| Dalhousie ... | ... | 1894 | 0·1 | 0·1 | 11·8 | 2·1 | ... | ... | 9·6 | 2 | |
| Gujranwala ... | 1892 | ... | 0·5 | 0·5 | 16·3 | 1·1 | 0·5 | 0·6 | 19·7 | 1·7 | |
| Rawalpindi ... | 1907 | 1887 | 0·7 | 0·3 | 21·0 | 2·4 | 0·5 | 0·1 | 16·4 | 3·4 | |
| Murree ... | ... | 1894 | 0·1 | ... | 16·5 | 1·6 | 0·7 | 0·4 | 14·8 | 0·9 | |
| Mianwali ... | ... | 1904 | 0·7 | 1·1 | 27·6 | 2·2 | Not available. | | | | |
| Lyallpur ... | 1904 | 1904 | 0·1 | 0·9 | 11·1 | 0·9 | *2·8 | 0·4 | 16·3 | 2·1 | |
| Multan ... | 1907 | ... | 0·1 | 2·3 | 21·4 | 2·3 | 0·01 | 1·9 | 16·9 | 2·4 | |
| Kalka ... | ... | 1890 | 0·5 | 0·1 | 14·1 | 2·4 | 1·7 | 0·2 | 15·2 | 3·9 | |

* Figures available for four years only.

ANNUAL FORM No. I.

STATEMENT SHOWING THE BIRTHS REGISTERED IN THE DISTRICTS OF THE PUNJAB
DURING THE YEAR 1908.

| 1 Number. | 2 DISTRICTS. | 3 POPULATION ACCORDING TO CENSUS OF 1901.* | | | 4 NUMBER OF BIRTHS REGISTERED. | | | 5 RATIO OF BIRTHS PER 1,000 OF POPULATION. | | | 6 | 7 | 8 | 9 MEAN RATIO OF BIRTHS PER 1,000 DURING PREVIOUS FIVE YEARS. | | | 10 |
|--------------|-------------------------|--|----------|------------|--------------------------------------|----------|---------|--|----------|--------|--|--|--|---|----------|--------|---------|
| | | Males. | Females. | Total. | Males. | Females. | Total. | Males. | Females. | Total. | Number of males born to every 100 females born. | Excess of births over deaths per 1,000 of population. | Excess of deaths over births per 1,000 of population. | Males. | Females. | Total. | Number. |
| | | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |
| | DELHI DIVISION. | | | | | | | | | | | | | | | | |
| 1 | Hissar | 418,167 | 363,550 | 781,717 | 19,223 | 17,739 | 36,962 | 24.6 | 22.7 | 47.3 | 108.4 | ... | 11.1 | 22.3 | 20.7 | 43.0 | 1 |
| 2 | Rohtak | 333,217 | 297,455 | 630,672 | 12,688 | 11,379 | 24,065 | 20.1 | 18.0 | 38.2 | 111.5 | ... | 21.6 | 20.9 | 19.1 | 40.0 | 2 |
| 3 | Gurgaon | 390,443 | 355,765 | 746,208 | 15,724 | 14,226 | 29,950 | 21.1 | 19.1 | 40.1 | 110.5 | ... | 44.0 | 22.2 | 20.2 | 42.4 | 3 |
| 4 | Delhi | 370,103 | 316,895 | 686,998 | 14,245 | 13,312 | 27,557 | 20.7 | 19.4 | 40.1 | 107.0 | ... | 32.4 | 22.3 | 20.9 | 43.2 | 4 |
| 5 | Karnal | 478,953 | 404,272 | 883,225 | 19,668 | 17,912 | 37,580 | 22.3 | 20.3 | 42.5 | 109.8 | ... | 18.7 | 21.8 | 19.7 | 41.5 | 5 |
| 6 | Ambala | 419,742 | 343,508 | 763,250 | 13,624 | 12,484 | 26,108 | 17.8 | 16.4 | 34.2 | 109.1 | ... | 10.5 | 19.0 | 17.3 | 36.4 | 6 |
| 7 | Simla | 23,012 | 12,567 | 35,579 | 372 | 329 | 701 | 10.5 | 9.2 | 19.7 | 113.1 | ... | 5.4 | 10.3 | 9.3 | 19.6 | 7 |
| | JULLUNDUR DIVISION. | | | | | | | | | | | | | | | | |
| 8 | Kangra | 396,484 | 367,957 | 764,441 | 12,611 | 12,036 | 24,647 | 16.5 | 15.7 | 32.2 | 104.8 | ... | 6.7 | 18.9 | 17.6 | 36.5 | 8 |
| 9 | Hoshiarpur | 525,854 | 463,928 | 989,782 | 18,482 | 17,371 | 35,853 | 18.7 | 17.6 | 36.2 | 106.4 | ... | 6.8 | 21.3 | 19.6 | 40.9 | 9 |
| 10 | Jullundur | 488,299 | 416,008 | 904,307 | 18,103 | 16,908 | 35,011 | 20.0 | 18.7 | 38.7 | 107.1 | ... | 0.1 | 21.0 | 19.6 | 40.6 | 10 |
| 11 | Ludhiana... .. | 369,165 | 303,932 | 673,097 | 12,483 | 11,590 | 24,073 | 18.5 | 17.2 | 35.8 | 107.7 | ... | 12.6 | 20.1 | 18.8 | 39.0 | 11 |
| 12 | Ferozepore | 507,258 | 424,948 | 932,206 | 23,334 | 21,342 | 44,676 | 25.0 | 22.9 | 47.9 | 109.3 | ... | 4.3 | 23.6 | 21.1 | 44.7 | 12 |
| | LAHORE DIVISION. | | | | | | | | | | | | | | | | |
| 13 | Montgomery | 263,354 | 224,598 | 487,952 | 11,030 | 10,119 | 21,149 | 22.6 | 20.7 | 43.3 | 109.0 | ... | 8.4 | 22.9 | 20.4 | 43.3 | 13 |
| 14 | Lahore | 629,360 | 516,669 | 1,146,029 | 27,178 | 24,671 | 51,849 | 23.7 | 21.5 | 45.2 | 110.2 | ... | 12.9 | 23.8 | 21.4 | 45.3 | 14 |
| 15 | Amritsar | 558,889 | 463,549 | 1,022,438 | 22,220 | 20,553 | 42,773 | 21.7 | 20.1 | 41.8 | 108.1 | ... | 22.0 | 23.1 | 21.1 | 44.2 | 15 |
| 16 | Gurdaspur | 507,488 | 429,296 | 936,784 | 19,581 | 18,037 | 37,618 | 20.9 | 19.3 | 40.2 | 108.6 | 0.2 | ... | 22.8 | 21.1 | 43.9 | 16 |
| 17 | Sialkot | 565,124 | 506,203 | 1,071,327 | 23,456 | 21,637 | 45,093 | 21.9 | 20.2 | 42.1 | 108.4 | ... | 7.4 | 24.9 | 23.2 | 48.0 | 17 |
| 18 | Gujranwala | 485,260 | 405,317 | 890,577 | 18,385 | 16,652 | 35,037 | 20.6 | 18.7 | 39.3 | 110.4 | ... | 1.7 | 22.3 | 19.9 | 42.2 | 18 |
| | RAWALPINDI DIVISION. | | | | | | | | | | | | | | | | |
| 19 | Gujrat | 389,402 | 361,146 | 750,548 | 15,667 | 14,362 | 30,029 | 20.9 | 19.1 | 40.0 | 109.1 | ... | 10.2 | 23.4 | 21.4 | 44.9 | 19 |
| 20 | Shahpur | 273,144 | 251,115 | 524,259 | 14,012 | 12,474 | 26,486 | 26.7 | 23.8 | 50.5 | 112.3 | ... | 2.8 | 22.8 | 20.3 | 43.1 | 20 |
| 21 | Jhelum | 250,741 | 247,435 | 498,176 | 9,870 | 8,696 | 18,566 | 19.8 | 17.5 | 37.3 | 113.5 | ... | 13.2 | 20.5 | 18.4 | 38.9 | 21 |
| 22 | Rawalpindi | 270,855 | 246,906 | 517,761 | 9,599 | 8,446 | 18,045 | 18.5 | 16.3 | 34.9 | 113.7 | ... | 12.0 | 19.8 | 18.1 | 37.8 | 22 |
| 23 | Attock | 239,962 | 220,935 | 460,897 | 10,266 | 9,233 | 19,499 | 22.3 | 20.0 | 42.3 | 111.2 | 1.0 | ... | 22.6 | 20.1 | 42.7 | 23 |
| | MULTAN DIVISION. | | | | | | | | | | | | | | | | |
| 24 | Mianwali | 224,008 | 200,580 | 424,588 | 10,077 | 8,860 | 18,937 | 23.7 | 20.9 | 44.6 | 113.7 | 4.3 | ... | 22.9 | 20.0 | 42.9 | 24 |
| 25 | Jhang | 262,504 | 227,762 | 490,266 | 11,164 | 9,940 | 21,104 | 22.8 | 20.3 | 43.0 | 112.3 | ... | 3.2 | 21.3 | 18.9 | 40.2 | 25 |
| 26 | Lyallpur | 302,043 | 220,101 | 522,144 | 20,115 | 18,681 | 38,796 | 38.5 | 35.8 | 74.3 | 107.7 | 20.4 | ... | 33.2 | 29.9 | 63.2 | 26 |
| 27 | Multan | 379,769 | 318,090 | 697,859 | 17,716 | 15,920 | 33,636 | 25.4 | 22.8 | 48.2 | 111.3 | 4.3 | ... | 24.4 | 22.2 | 46.6 | 27 |
| 28 | Mazaffargarh | 220,207 | 185,449 | 405,656 | 9,313 | 8,026 | 17,339 | 23.0 | 19.8 | 42.7 | 116.0 | 5.7 | ... | 22.1 | 19.4 | 41.6 | 28 |
| 29 | Dera Ghazi Khan | 255,448 | 214,499 | 469,947 | 9,335 | 7,587 | 16,922 | 19.9 | 16.1 | 36.0 | 123.0 | 4.2 | ... | 18.4 | 15.3 | 33.7 | 29 |
| | Total | 10,798,255 | 9,310,43 | 20,108,690 | 439,539 | 400,522 | 840,061 | 21.9 | 19.9 | 41.8 | 103.7 | ... | 8.9 | 22.3 | 20.3 | 42.6 | |

* Excluding population of Military Cantonments.

RBEA

STATEMENT OF BIRTHS AND DEATHS REGISTERED IN EACH

| 1 Number. | 2 DISTRICTS. | | | | 5 POPULATION (CENSUS 1901) | | | 6 BIRTHS. | | 7 NUMBER OF DEATHS REGISTERED. | | |
|----------------------|------------------------|--|----------------------------|--|-------------------------------|---------------|-------------|--------------------|--|-----------------------------------|----------------|--------------|
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | 3 Area in square miles. | 4 Average population per square mile. | | | | | | | | |
| 1 | 2 | | 3 | 4 | 5 Males. | 6 Females. | 7 Total. | 8 Total number. | 9 Birth rate per 1,000 of population. | 10 Males. | 11 Females. | 12 Total. |
| DELHI DIVISION. | | | | | | | | | | | | |
| 1 | Hissar | | 5,217 | 150 | 418,167 | 363,550 | 781,717 | 36,962 | 47·3 | 23,124 | 22,526 | 45,650 |
| 2 | Rohtak | | 1,797 | 351 | 333,217 | 297,455 | 630,672 | 24,065 | 38·2 | 19,269 | 18,421 | 37,690 |
| 3 | Gurgaon | | 1,984 | 376 | 390,443 | 355,765 | 746,208 | 29,950 | 40·1 | 31,092 | 31,643 | 62,735 |
| 4 | Delhi | | 1,290 | 533 | 370,103 | 316,895 | 686,998 | 27,557 | 40·1 | 24,634 | 25,146 | 49,780 |
| 5 | Karnal | | 3,153 | 280 | 478,953 | 404,272 | 883,225 | 37,580 | 42·5 | 27,580 | 26,510 | 54,090 |
| 6 | Ambala | | 1,851 | 412 | 419,742 | 343,508 | 763,250 | 26,108 | 34·2 | 17,467 | 16,622 | 34,089 |
| 7 | Simla | | 101 | 352 | 23,012 | 12,557 | 35,579 | 701 | 19·7 | 506 | 388 | 894 |
| JULLUNDUR DIVISION. | | | | | | | | | | | | |
| 8 | Kangra | | 9,978 | 77 | 396,484 | 367,957 | 764,441 | 24,647 | 32·2 | 15,104 | 14,635 | 29,739 |
| 9 | Hoshiarpur | | 2,244 | 441 | 525,854 | 463,928 | 989,782 | 35,853 | 36·2 | 21,402 | 21,135 | 42,537 |
| 10 | Jullundur | | 1,431 | 632 | 488,299 | 416,008 | 904,307 | 35,011 | 38·7 | 17,471 | 17,578 | 35,049 |
| 11 | Ludhiana | | 1,455 | 463 | 369,165 | 303,932 | 673,097 | 24,073 | 35·8 | 16,418 | 16,168 | 32,586 |
| 12 | Ferozepore | | 4,302 | 217 | 507,258 | 424,948 | 932,206 | 44,676 | 47·9 | 25,014 | 23,615 | 48,629 |
| LAHORE DIVISION. | | | | | | | | | | | | |
| 13 | Montgomery | | 4,677 | 104 | 263,354 | 224,598 | 487,952 | 21,149 | 43·3 | 12,521 | 12,728 | 25,249 |
| 14 | Lahore | | 3,704 | 309 | 629,360 | 516,669 | 1,146,029 | 51,849 | 45·2 | 34,439 | 32,164 | 66,603 |
| 15 | Amritsar | | 1,601 | 639 | 558,889 | 463,549 | 1,022,438 | 42,773 | 41·8 | 33,337 | 31,918 | 65,255 |
| 16 | Gurdaspur | | 1,889 | 496 | 507,488 | 429,296 | 936,784 | 37,618 | 40·2 | 19,365 | 18,143 | 37,508 |
| 17 | Sialkot | | 1,991 | 538 | 565,124 | 506,203 | 1,071,327 | 45,093 | 42·1 | 26,720 | 26,333 | 53,053 |
| 18 | Gujranwala | | 3,198 | 278 | 485,260 | 405,317 | 890,577 | 35,037 | 39·3 | 18,846 | 17,628 | 36,474 |
| RAWALPINDI DIVISION. | | | | | | | | | | | | |
| 19 | Gujrāt | | 2,051 | 366 | 389,402 | 361,146 | 750,548 | 30,029 | 40·0 | 18,891 | 18,782 | 37,673 |
| 20 | Shahpur | | 4,840 | 108 | 273,144 | 251,115 | 524,259 | 26,486 | 50·5 | 14,214 | 13,708 | 27,922 |
| 21 | Jhelum | | | | 250,741 | 247,435 | 498,176 | 18,566 | 37·3 | 12,627 | 12,548 | 25,175 |
| 22 | Rawalpindi | | 8,845 | 167 | 270,855 | 246,906 | 517,761 | 18,045 | 34·9 | 12,512 | 11,762 | 24,274 |
| 23 | Attock | | | | 239,962 | 220,935 | 460,897 | 19,499 | 42·3 | 9,525 | 9,527 | 19,052 |
| MULTAN DIVISION. | | | | | | | | | | | | |
| 24 | Mianwali | | 7,816 | 54 | 224,008 | 200,580 | 424,588 | 18,937 | 44·6 | 8,742 | 8,358 | 17,100 |
| 25 | Jhang | | | | 262,504 | 227,762 | 490,266 | 21,104 | 43·0 | 11,361 | 11,263 | 22,624 |
| 26 | Lyallpur | | 6,746 | 150 | 302,043 | 220,101 | 522,144 | 38,796 | 74·3 | 14,238 | 13,887 | 28,125 |
| 27 | Multan | | 6,107 | 114 | 379,769 | 318,090 | 697,859 | 33,636 | 48·2 | 15,405 | 15,249 | 30,654 |
| 28 | Muzaffargarh | | 3,635 | 112 | 220,207 | 185,449 | 405,656 | 17,339 | 42·7 | 7,629 | 7,368 | 14,997 |
| 29 | Dera Ghazi Khan | | 5,306 | 89 | 255,448 | 214,499 | 469,947 | 16,222 | 36·0 | 7,766 | 7,153 | 14,919 |
| Total | | | | | | | | | | | | |
| | | | 97,209 | 207 | 10,79,82,55 | 9,310,435 | 20,108,690 | 840,061 | 41·8 | 517,219 | 502,906 | 1,020,125 |

NOTE.—Those born dead are not included.

No. II.
DISTRICT OF THE PUNJAB DURING THE YEAR 1908.

| 8 Number of deaths of males to every 100 deaths of females. | 9 DEATHS PER 1,000 OF POPULATION FROM | | | | | | | | | | | 10 MEAN RATIO OF DEATHS PER 1,000 DURING PREVIOUS FIVE YEARS. | | | 11 Number. |
|--|--|------------|---------|---------|--------------------------|-----------------------|-----------|-------------------|-------------|----------|--------|--|----------|--------|---------------|
| | Cholera. | Small-pox. | Plague. | Fevers. | Dysentery and Diarrhoea. | Respiratory diseases. | Injuries. | All other causes. | All causes. | | | Males. | Females. | Total. | |
| | | | | | | | | | Males. | Females. | Total. | | | | |
| 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| 102·7 | 0·3 | 1·5 | 0·7 | 44·1 | 1·0 | 1·6 | 0·3 | 9·0 | 55·3 | 62·0 | 58·4 | 38·0 | 41·6 | 39·7 | 1 |
| 104·6 | 0·7 | 0·9 | 2·6 | 43·2 | 1·4 | 2·3 | 0·1 | 8·7 | 57·8 | 61·9 | 59·8 | 52·7 | 57·6 | 55·0 | 2 |
| 98·3 | 1·7 | 1·2 | 6·8 | 50·7 | 3·1 | 2·2 | 0·5 | 18·0 | 79·6 | 88·9 | 84·1 | 48·1 | 52·0 | 49·9 | 3 |
| 98·0 | 0·3 | 0·3 | 3·1 | 52·8 | 1·0 | 12·9 | 0·2 | 2·0 | 66·6 | 79·4 | 72·5 | 44·5 | 51·2 | 47·6 | 4 |
| 104·0 | 0·6 | 1·4 | 3·0 | 38·2 | 1·1 | 3·3 | 0·3 | 13·4 | 57·6 | 65·6 | 61·2 | 45·1 | 50·9 | 47·8 | 5 |
| 105·1 | 0·2 | 1·6 | 0·7 | 25·6 | 1·8 | 6·2 | 0·2 | 8·3 | 41·6 | 48·4 | 44·7 | 53·0 | 64·8 | 58·3 | 6 |
| 130·4 | 0·03 | 0·9 | ... | 12·4 | 2·2 | 3·3 | 0·3 | 6·0 | 22·0 | 30·9 | 25·1 | 19·6 | 28·9 | 22·9 | 7 |
| 103·2 | 0·3 | 0·1 | ... | 24·6 | 1·6 | 2·6 | 0·4 | 9·5 | 38·1 | 39·8 | 38·9 | 34·9 | 37·8 | 36·3 | 8 |
| 101·3 | 0·2 | 1·6 | 1·3 | 30·3 | 0·2 | 3·6 | 0·3 | 5·5 | 40·7 | 45·6 | 43·0 | 43·9 | 52·8 | 48·1 | 9 |
| 99·4 | 0·2 | 1·2 | 0·1 | 24·3 | 0·8 | 5·2 | 0·3 | 6·7 | 35·8 | 42·3 | 38·8 | 50·9 | 66·2 | 57·9 | 10 |
| 101·5 | 0·5 | 1·0 | 7·0 | 26·1 | 0·4 | 5·5 | 0·2 | 7·8 | 44·5 | 53·2 | 48·4 | 54·3 | 64·9 | 59·1 | 11 |
| 105·9 | 0·9 | 2·6 | 3·4 | 30·1 | 0·9 | 1·8 | 0·3 | 12·2 | 49·3 | 55·6 | 52·2 | 46·3 | 55·5 | 50·5 | 12 |
| 98·4 | 0·1 | 2·1 | 1·6 | 38·1 | 0·5 | 0·5 | 0·5 | 8·3 | 47·5 | 56·7 | 51·7 | 25·5 | 28·4 | 26·8 | 13 |
| 107·1 | 1·4 | 3·2 | 3·1 | 37·1 | 0·9 | 1·7 | 0·4 | 10·4 | 54·7 | 62·3 | 58·1 | 51·4 | 60·8 | 55·6 | 14 |
| 104·4 | 0·4 | 1·8 | 1·0 | 44·1 | 1·5 | 2·9 | 0·3 | 11·7 | 59·7 | 68·9 | 63·8 | 52·4 | 67·1 | 59·1 | 15 |
| 106·7 | 0·2 | 1·5 | 0·3 | 25·0 | 1·4 | 10·4 | 0·3 | 1·0 | 38·2 | 42·3 | 40·0 | 54·4 | 66·3 | 59·8 | 16 |
| 101·5 | 0·2 | 2·5 | 0·2 | 33·8 | 1·4 | 5·1 | 0·3 | 6·0 | 47·3 | 52·0 | 49·5 | 57·1 | 68·4 | 62·4 | 17 |
| 106·9 | 0·2 | 0·4 | 0·8 | 32·3 | 0·3 | 0·9 | 0·5 | 5·1 | 38·8 | 43·5 | 41·0 | 61·6 | 71·1 | 65·9 | 18 |
| 100·6 | 0·2 | 1·3 | 0·1 | 39·6 | 0·8 | 2·7 | 0·3 | 5·3 | 48·5 | 52·0 | 50·2 | 51·4 | 59·6 | 55·3 | 19 |
| 103·7 | 0·5 | 0·9 | 0·3 | 41·0 | 0·6 | 0·8 | 0·6 | 8·7 | 52·0 | 54·6 | 53·3 | 57·8 | 60·7 | 59·2 | 20 |
| 100·6 | 2·2 | 0·5 | 0·4 | 36·2 | 0·8 | 1·7 | 0·5 | 8·3 | 50·4 | 50·7 | 50·5 | 44·5 | 47·7 | 46·1 | 21 |
| 106·4 | 1·9 | 0·5 | 0·6 | 32·5 | 2·7 | 1·6 | 0·5 | 6·6 | 46·2 | 47·6 | 46·9 | 42·3 | 48·1 | 45·1 | 22 |
| 100·0 | 1·0 | 0·7 | 0·1 | 32·0 | 0·2 | 0·8 | 0·4 | 6·0 | 39·7 | 43·1 | 41·3 | 35·8 | 37·8 | 36·8 | 23 |
| 104·6 | 1·8 | 0·4 | 0·1 | 30·5 | 0·8 | 0·7 | 0·5 | 5·6 | 39·0 | 41·7 | 40·3 | 31·3 | 33·3 | 32·3 | 24 |
| 100·9 | 0·4 | 0·8 | 0·9 | 32·1 | 1·8 | 1·6 | 0·1 | 8·5 | 43·3 | 49·5 | 46·2 | 28·1 | 29·5 | 28·8 | 25 |
| 102·5 | 1·1 | 5·0 | 2·4 | 32·3 | 0·9 | 1·3 | 0·7 | 10·1 | 47·1 | 63·1 | 53·9 | 33·1 | 42·1 | 36·9 | 26 |
| 101·0 | 0·2 | 0·8 | ... | 33·9 | 0·6 | 0·5 | 0·5 | 7·5 | 40·6 | 47·9 | 43·9 | 27·3 | 30·7 | 28·8 | 27 |
| 103·5 | 0·1 | 0·9 | ... | 33·0 | 0·3 | 0·1 | 0·5 | 2·1 | 34·6 | 39·7 | 37·0 | 28·3 | 30·9 | 29·5 | 28 |
| 108·6 | 0·7 | 0·1 | ... | 26·8 | 0·4 | 0·9 | 0·4 | 2·5 | 30·4 | 33·4 | 31·8 | 25·4 | 26·7 | 26·0 | 29 |
| 102·8 | 0·6 | 1·4 | 1·5 | 34·7 | 1·1 | 3·2 | 0·4 | 7·9 | 47·9 | 51·0 | 50·7 | 45·5 | 52·9 | 48·9 | |

in this or any other Statement.

ANNUAL FORM No. III.

DEATHS REGISTERED IN THE DISTRICTS OF THE PUNJAB DURING EACH MONTH OF THE YEAR 1908.

| 1 | 2 | 3 | | | | | | | | | | | | 4 | 5 |
|---------|---|----------|-----------|--------|--------|--------|--------|--------|---------|------------|----------|-----------|-----------|--|---------|
| Number. | District. | January. | February. | March. | April. | May. | June. | July. | August. | September. | October. | November. | December. | Total deaths registered during the year. | Number. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 |
| | DELHI DIVISION. | | | | | | | | | | | | | | |
| 1 | Hissar | 3,513 | 2,179 | 2,586 | 2,474 | 2,610 | 2,718 | 1,884 | 2,438 | 7,743 | 9,386 | 4,846 | 3,273 | 45,650 | 1 |
| 2 | Rohtak | 3,051 | 1,639 | 2,292 | 1,599 | 1,616 | 1,776 | 1,711 | 1,487 | 4,629 | 9,848 | 4,619 | 3,423 | 37,690 | 2 |
| 3 | Gurgaon | 3,117 | 2,802 | 4,413 | 3,441 | 2,173 | 1,749 | 1,563 | 3,106 | 7,717 | 16,916 | 10,396 | 5,342 | 62,735 | 3 |
| 4 | Delhi | 3,059 | 2,008 | 2,396 | 3,022 | 2,147 | 2,277 | 1,753 | 1,941 | 7,441 | 10,933 | 7,467 | 5,336 | 49,780 | 4 |
| 5 | Karnal | 4,435 | 3,055 | 3,748 | 3,354 | 3,045 | 3,466 | 1,920 | 2,541 | 6,649 | 9,270 | 7,568 | 5,039 | 54,090 | 5 |
| 6 | Amtala | 3,716 | 2,099 | 1,974 | 1,863 | 1,878 | 1,667 | 1,387 | 1,465 | 3,435 | 6,104 | 4,857 | 3,444 | 34,089 | 6 |
| 7 | Simla | 61 | 69 | 83 | 62 | 101 | 79 | 81 | 75 | 66 | 76 | 69 | 72 | 894 | 7 |
| | JULLUNDUR DIVISION. | | | | | | | | | | | | | | |
| 8 | Kangra | 3,144 | 2,313 | 2,125 | 2,481 | 2,335 | 2,015 | 1,769 | 1,794 | 3,863 | 3,044 | 2,301 | 2,555 | 29,739 | 8 |
| 9 | Hoshiarpur | 3,355 | 2,428 | 2,565 | 2,367 | 2,707 | 2,311 | 1,968 | 1,857 | 5,367 | 8,163 | 5,395 | 4,054 | 42,537 | 9 |
| 10 | Jullundur | 2,697 | 1,589 | 1,633 | 1,971 | 1,786 | 1,929 | 1,741 | 1,902 | 3,673 | 7,538 | 5,671 | 2,919 | 35,049 | 10 |
| 11 | Ludhiana | 2,320 | 1,484 | 2,192 | 2,712 | 2,207 | 1,293 | 1,484 | 1,790 | 3,426 | 6,456 | 4,522 | 2,700 | 32,586 | 11 |
| 12 | Ferozepore | 3,877 | 2,411 | 2,907 | 3,863 | 3,755 | 2,542 | 2,057 | 2,576 | 4,068 | 8,324 | 7,514 | 4,735 | 48,629 | 12 |
| | LAHORE DIVISION. | | | | | | | | | | | | | | |
| 13 | Montgomery | 1,634 | 1,139 | 1,185 | 1,051 | 1,180 | 949 | 842 | 837 | 1,999 | 5,697 | 5,363 | 3,273 | 25,249 | 13 |
| 14 | Lahore | 3,950 | 2,986 | 3,700 | 4,828 | 5,110 | 4,106 | 3,088 | 2,759 | 4,646 | 12,731 | 11,016 | 7,683 | 66,603 | 14 |
| 15 | Amritsar | 3,480 | 2,463 | 2,722 | 2,888 | 3,802 | 2,929 | 2,335 | 2,866 | 5,067 | 14,738 | 14,336 | 7,629 | 65,255 | 15 |
| 16 | Gurdaspur | 2,710 | 1,860 | 2,050 | 2,008 | 2,559 | 2,093 | 1,790 | 1,839 | 3,658 | 7,284 | 6,136 | 3,521 | 37,508 | 16 |
| 17 | Sialkot | 2,589 | 1,841 | 2,028 | 1,918 | 3,213 | 2,586 | 2,154 | 2,203 | 5,034 | 13,301 | 10,884 | 5,302 | 53,053 | 17 |
| 18 | Gujranwala | 2,021 | 1,144 | 1,355 | 1,748 | 2,052 | 1,482 | 1,737 | 1,216 | 1,886 | 8,799 | 7,898 | 5,136 | 36,474 | 18 |
| | RAWALPINDI DIVISION. | | | | | | | | | | | | | | |
| 19 | Gujrat | 2,027 | 1,405 | 1,324 | 1,203 | 1,483 | 1,446 | 1,316 | 1,557 | 3,721 | 10,902 | 7,558 | 3,731 | 37,673 | 19 |
| 20 | Shahpur | 1,863 | 1,134 | 1,108 | 1,148 | 1,506 | 1,363 | 1,048 | 995 | 1,483 | 6,127 | 6,123 | 4,024 | 27,922 | 20 |
| 21 | Jhelum | 1,748 | 1,633 | 1,115 | 1,124 | 1,508 | 1,165 | 973 | 1,245 | 1,702 | 6,406 | 4,877 | 1,679 | 25,175 | 21 |
| 22 | Rawalpindi | 2,722 | 2,017 | 1,721 | 1,152 | 1,349 | 1,242 | 1,159 | 1,401 | 3,022 | 3,553 | 2,790 | 2,146 | 24,274 | 22 |
| 23 | Attock | 2,276 | 1,503 | 1,234 | 1,015 | 1,167 | 1,032 | 1,093 | 1,044 | 1,456 | 2,504 | 2,694 | 2,034 | 19,052 | 23 |
| | MULTAN DIVISION. | | | | | | | | | | | | | | |
| 24 | Mianwali | 1,630 | 1,033 | 1,057 | 933 | 1,487 | 1,321 | 908 | 748 | 1,160 | 2,430 | 2,478 | 1,915 | 17,100 | 24 |
| 25 | Jhang | 1,754 | 1,231 | 1,265 | 1,085 | 1,379 | 1,072 | 868 | 870 | 1,357 | 3,782 | 4,517 | 3,444 | 22,624 | 25 |
| 26 | Lyalpur | 2,190 | 1,771 | 2,001 | 2,172 | 2,955 | 2,464 | 1,915 | 1,629 | 1,835 | 2,754 | 3,546 | 2,890 | 28,125 | 26 |
| 27 | Multan | 2,223 | 1,893 | 1,441 | 1,297 | 2,132 | 1,387 | 1,353 | 1,538 | 1,684 | 5,450 | 6,117 | 4,129 | 30,654 | 27 |
| 28 | Muzaffargarh | 1,219 | 894 | 873 | 773 | 1,017 | 849 | 701 | 619 | 1,064 | 2,335 | 2,685 | 1,968 | 14,997 | 28 |
| 29 | Dera Ghazi Khan | 1,286 | 839 | 757 | 683 | 1,105 | 948 | 851 | 591 | 846 | 2,659 | 2,354 | 2,000 | 14,919 | 29 |
| | Total for the Province | 73,677 | 50,862 | 55,950 | 56,235 | 61,367 | 52,456 | 43,449 | 46,929 | 99,697 | 207,510 | 166,597 | 105,896 | 1,020,125 | |
| | Ratio of deaths per 1,000 in each month ... | 3.66 | 2.53 | 2.78 | 2.80 | 3.05 | 2.61 | 2.16 | 2.33 | 4.96 | 10.32 | 8.28 | 5.24 | 50.73 | |

ANNUAL FORM No. IV.

DEATHS REGISTERED ACCORDING TO SPECIFIED AGE-PERIODS FROM DIFFERENT DISEASES
IN THE DISTRICTS OF THE PUNJAB DURING THE YEAR 1908.

No. IV.

DISEASES IN THE DISTRICTS OF THE PUNJAB DURING THE YEAR 1908.

| 9 | | 10 | | 11 | | 12 | | 13 | | 14 | | 15 | | 16 |
|------------------------------|----------|------------------------------|----------|------------------------------|----------|------------------------------|----------|------------------------------|----------|-----------------------|----------|--------|----------|---------|
| 15 YEARS AND UNDER 20 YEARS. | | 20 YEARS AND UNDER 30 YEARS. | | 30 YEARS AND UNDER 40 YEARS. | | 40 YEARS AND UNDER 50 YEARS. | | 50 YEARS AND UNDER 60 YEARS. | | 60 YEARS AND UPWARDS. | | TOTAL. | | |
| Males. | Females. | Males. | Females. | Males. | Females. | Males. | Females. | Males. | Females. | Males. | Females. | Males. | Females. | Number. |
| 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 |
| 7 | 6 | 2 | 7 | 40 | 43 | 54 | 56 | 13 | 13 | ... | ... | 121 | 129 | 1 |
| 31 | 9 | 6 | 20 | 3 | 1 | ... | ... | ... | ... | ... | ... | 619 | 577 | |
| 12 | 51 | 30 | 37 | 98 | 79 | 42 | 50 | 35 | 20 | 25 | 20 | 258 | 274 | |
| 539 | 479 | 1,132 | 1,356 | 755 | 1,009 | 1,032 | 900 | 1,299 | 1,097 | 2,535 | 2,587 | 17,159 | 17,335 | |
| 14 | 13 | 21 | 20 | 73 | 58 | 99 | 100 | 88 | 72 | 42 | 31 | 407 | 335 | |
| 35 | 65 | 38 | 56 | 98 | 68 | 121 | 21 | 149 | 154 | 211 | 138 | 693 | 522 | |
| 16 | 7 | 19 | 15 | 24 | 14 | 22 | 27 | 4 | 8 | 12 | 10 | 122 | 95 | |
| 66 | 28 | 111 | 16 | 33 | 42 | 71 | 97 | ... | ... | ... | ... | 3,745 | 3,259 | |
| 700 | 658 | 1,359 | 1,527 | 1,124 | 1,314 | 1,441 | 1,251 | 1,588 | 1,364 | 2,825 | 2,786 | 23,124 | 22,526 | |
| 54 | 36 | 59 | 29 | 38 | 30 | 16 | 23 | 8 | 6 | ... | 3 | 269 | 185 | 2 |
| 2 | 2 | ... | 1 | 1 | 1 | ... | ... | ... | ... | ... | ... | 320 | 216 | |
| 150 | 127 | 125 | 148 | 136 | 116 | 93 | 83 | 54 | 54 | 41 | 37 | 861 | 761 | |
| 903 | 913 | 1,023 | 1,058 | 1,272 | 1,288 | 1,579 | 1,583 | 2,072 | 1,843 | 2,387 | 2,127 | 13,784 | 13,484 | |
| 86 | 52 | 84 | 64 | 72 | 65 | 62 | 61 | 42 | 62 | 39 | 49 | 474 | 415 | |
| 77 | 64 | 63 | 75 | 58 | 67 | 52 | 58 | 50 | 69 | 60 | 80 | 760 | 660 | |
| 3 | 2 | 6 | 7 | 7 | 4 | 2 | 1 | 1 | 1 | ... | 1 | 19 | 16 | |
| 138 | 156 | 106 | 122 | 92 | 114 | 91 | 113 | 100 | 169 | 181 | 200 | 2,782 | 2,684 | |
| 1,413 | 1,352 | 1,466 | 1,504 | 1,676 | 1,685 | 1,895 | 1,922 | 2,327 | 2,204 | 2,708 | 2,497 | 19,269 | 18,421 | |
| 36 | 68 | 86 | 121 | 82 | 73 | 101 | 77 | 89 | 59 | 146 | 132 | 626 | 625 | 3 |
| 5 | 3 | 2 | 17 | 2 | 2 | ... | ... | ... | ... | ... | ... | 457 | 402 | |
| 212 | 275 | 399 | 379 | 302 | 422 | 304 | 421 | 216 | 280 | 227 | 430 | 2,205 | 2,835 | |
| 1,147 | 1,138 | 1,467 | 1,593 | 1,558 | 1,636 | 1,439 | 1,543 | 1,450 | 1,412 | 3,389 | 3,461 | 18,568 | 19,253 | |
| 76 | 92 | 105 | 102 | 109 | 111 | 170 | 114 | 191 | 189 | 279 | 200 | 1,224 | 1,095 | |
| 30 | 28 | 40 | 32 | 65 | 58 | 89 | 102 | 204 | 194 | 309 | 308 | 827 | 822 | |
| 14 | 22 | 29 | 36 | 39 | 46 | 31 | 46 | 14 | 25 | 19 | 22 | 153 | 222 | |
| 13 | 13 | 9 | 13 | 10 | 12 | 17 | 6 | 18 | 17 | 27 | 23 | 7,032 | 6,389 | |
| 1,533 | 1,639 | 2,137 | 2,293 | 2,167 | 2,380 | 2,151 | 2,309 | 2,182 | 2,176 | 4,396 | 4,576 | 31,092 | 31,643 | |
| 29 | 14 | 31 | 20 | 38 | 20 | 9 | 3 | ... | ... | ... | ... | 115 | 62 | 4 |
| 2 | 1 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 114 | 116 | |
| 97 | 52 | 183 | 271 | 167 | 197 | 86 | 185 | 76 | 128 | 57 | 47 | 926 | 1,168 | |
| 741 | 824 | 1,117 | 1,184 | 1,271 | 1,360 | 1,407 | 1,241 | 1,485 | 1,258 | 2,769 | 3,018 | 17,725 | 18,516 | |
| 22 | 9 | 17 | 27 | 51 | 32 | 29 | 31 | 67 | 39 | 65 | 38 | 381 | 314 | |
| 25 | 14 | 9 | 31 | 51 | 47 | 69 | 82 | 111 | 72 | 225 | 141 | 4,661 | 4,220 | |
| 5 | 7 | 4 | 3 | 8 | 7 | 8 | 15 | 5 | 2 | 4 | ... | 59 | 62 | |
| 68 | 98 | 94 | 142 | 67 | 80 | 71 | 90 | 39 | 34 | 91 | 52 | 653 | 688 | |
| 989 | 1,019 | 1,455 | 1,678 | 1,653 | 1,743 | 1,679 | 1,647 | 1,783 | 1,533 | 3,211 | 3,296 | 24,634 | 25,146 | |
| 25 | 20 | 47 | 43 | 44 | 33 | 27 | 26 | 18 | 12 | 16 | 10 | 295 | 225 | 5 |
| 2 | 1 | 9 | 17 | 16 | 17 | 2 | 3 | 5 | 5 | 6 | 4 | 668 | 590 | |
| 173 | 103 | 235 | 168 | 137 | 164 | 130 | 187 | 84 | 130 | 71 | 62 | 1,266 | 1,365 | |
| 618 | 497 | 1,395 | 1,444 | 1,467 | 1,565 | 1,597 | 1,373 | 1,434 | 1,205 | 2,368 | 2,347 | 17,022 | 16,708 | |
| 27 | 15 | 41 | 47 | 45 | 33 | 42 | 42 | 56 | 30 | 50 | 51 | 535 | 421 | |
| 55 | 40 | 192 | 164 | 204 | 153 | 206 | 211 | 191 | 184 | 327 | 309 | 1,513 | 1,382 | |
| 19 | 19 | 20 | 21 | 18 | 13 | 14 | 9 | 20 | 7 | 13 | 6 | 165 | 115 | |
| 106 | 116 | 146 | 139 | 113 | 125 | 124 | 110 | 50 | 66 | 169 | 291 | 6,116 | 5,704 | |
| 1,025 | 811 | 2,085 | 2,043 | 2,043 | 2,103 | 2,142 | 1,961 | 1,858 | 1,639 | 3,020 | 3,080 | 27,580 | 26,510 | |
| 5 | 5 | 14 | 7 | 13 | 11 | 22 | 12 | 11 | 5 | 5 | 3 | 105 | 70 | 6 |
| 8 | 40 | 38 | 34 | 10 | 13 | 1 | 6 | 4 | 3 | 5 | 6 | 656 | 579 | |
| 26 | 15 | 42 | 53 | 35 | 44 | 39 | 26 | 21 | 20 | 22 | 22 | 271 | 269 | |
| 375 | 276 | 792 | 769 | 770 | 824 | 814 | 674 | 844 | 608 | 1,552 | 1,556 | 9,847 | 9,692 | |
| 19 | 7 | 76 | 59 | 97 | 64 | 76 | 52 | 84 | 46 | 144 | 89 | 795 | 578 | |
| 76 | 67 | 241 | 238 | 288 | 258 | 311 | 232 | 297 | 257 | 534 | 463 | 2,501 | 2,261 | |
| 3 | 8 | 60 | 30 | 30 | 4 | 10 | ... | ... | ... | ... | ... | 108 | 47 | |
| 65 | 44 | 114 | 188 | 116 | 167 | 120 | 92 | 86 | 79 | 109 | 52 | 3,184 | 3,126 | |
| 577 | 462 | 1,377 | 1,378 | 1,359 | 1,385 | 1,393 | 1,094 | 1,347 | 1,018 | 2,371 | 2,191 | 17,467 | 16,622 | |
| ... | ... | ... | ... | 1 | ... | ... | ... | ... | ... | ... | ... | 1 | ... | 7 |
| 5 | ... | 8 | 2 | 2 | 3 | 1 | ... | ... | ... | 1 | ... | 22 | 10 | |
| 6 | ... | 30 | 19 | 30 | 14 | 24 | 16 | 22 | 11 | 40 | 34 | 255 | 187 | |
| ... | ... | 9 | 4 | ... | 1 | 3 | 5 | 11 | 1 | 8 | 5 | 47 | 32 | |
| 3 | 2 | 7 | 5 | 3 | 5 | 5 | 5 | 11 | 8 | 7 | 10 | 55 | 61 | |
| ... | 2 | 1 | ... | 1 | ... | 1 | ... | 2 | ... | 1 | ... | 6 | 3 | |
| 3 | 5 | 16 | 12 | 8 | 7 | 12 | 3 | 11 | 10 | 8 | 7 | 120 | 95 | |
| 17 | 9 | 71 | 42 | 45 | 30 | 46 | 29 | 57 | 30 | 65 | 56 | 506 | 388 | |

DEATHS REGISTERED ACCORDING TO SPECIFIED AGE-PERIODS FROM DIFFERENT

| 1 | 2 | 3 | 4 | 5 | | 6 | | 7 | | 8 | |
|---------|------------|-------------|----------------------------|-----------------|----------|-----------------------------|----------|-----------------------------|----------|------------------------------|----------|
| Number. | Division. | District. | DISEASES. | UNDER ONE YEAR. | | ONE YEAR AND UNDER 5 YEARS. | | 5 YEARS AND UNDER 10 YEARS. | | 10 YEARS AND UNDER 15 YEARS. | |
| 1 | 2 | 3 | 4 | Males. | Females. | Males. | Females. | Males. | Females. | Males. | Females. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| 8 | JULLUNDUR. | KANGRA. | Cholera | ... | ... | ... | ... | ... | 3 | 5 | 7 |
| | | | Small-pox | 8 | 4 | 4 | 3 | 2 | 1 | 10 | 2 |
| | | | Plague | ... | ... | ... | ... | ... | ... | ... | ... |
| | | | Fevers | 3,162 | 2,680 | 823 | 828 | 407 | 490 | 168 | 351 |
| | | | Dysentery and Diarrhœa ... | 145 | 109 | 89 | 71 | 47 | 34 | 68 | 73 |
| | | | Respiratory diseases ... | 35 | 48 | 63 | 85 | 89 | 60 | 37 | 66 |
| | | | Injuries | ... | ... | ... | 6 | 15 | 5 | 29 | 6 |
| | | | All other causes | 617 | 589 | 382 | 285 | 159 | 110 | 316 | 167 |
| | | | Total | 3,967 | 3,430 | 1,361 | 1,278 | 719 | 703 | 633 | 672 |
| 9 | | HOSHIAPUR. | Cholera | 1 | ... | 25 | 19 | 5 | 10 | 8 | 4 |
| | | | Small-pox | 219 | 166 | 297 | 259 | 56 | 67 | 36 | 37 |
| | | | Plague | 26 | 22 | 50 | 50 | 38 | 42 | 60 | 85 |
| | | | Fevers | 2,403 | 2,564 | 3,990 | 4,531 | 650 | 681 | 454 | 482 |
| | | | Dysentery and Diarrhœa ... | 48 | 38 | 25 | 30 | 1 | ... | 1 | 2 |
| | | | Respiratory diseases ... | 719 | 564 | 286 | 184 | 29 | 34 | 29 | 32 |
| | | | Injuries | ... | 2 | 28 | 26 | 21 | 12 | 19 | 11 |
| | | | All other causes | 2,134 | 2,169 | 200 | 188 | 24 | 12 | 32 | 18 |
| | | | Total | 5,550 | 5,525 | 4,901 | 5,287 | 824 | 858 | 639 | 671 |
| 10 | JULLUNDUR. | JULLUNDUR. | Cholera | 9 | 7 | 19 | 16 | 19 | 16 | 20 | 12 |
| | | | Small-pox | 157 | 133 | 227 | 196 | 83 | 69 | 31 | 15 |
| | | | Plague | 3 | 2 | 8 | 2 | 7 | 5 | 2 | 1 |
| | | | Fevers | 1,943 | 2,323 | 2,661 | 3,132 | 872 | 871 | 383 | 398 |
| | | | Dysentery and Diarrhœa ... | 81 | 69 | 81 | 87 | 33 | 25 | 12 | 6 |
| | | | Respiratory diseases ... | 819 | 768 | 364 | 411 | 68 | 77 | 37 | 32 |
| | | | Injuries | 14 | 10 | 19 | 13 | 9 | 14 | 17 | 14 |
| | | | All other causes | 2,137 | 2,357 | 473 | 429 | 52 | 24 | 12 | 11 |
| | | | Total | 5,163 | 5,669 | 3,852 | 4,286 | 1,143 | 1,101 | 514 | 489 |
| 11 | | LUDHIANA. | Cholera | ... | ... | 18 | 5 | 14 | 9 | 13 | 11 |
| | | | Small-pox | 87 | 68 | 119 | 97 | 82 | 70 | 16 | 28 |
| | | | Plague | 108 | 98 | 211 | 102 | 119 | 120 | 129 | 186 |
| | | | Fevers | 1,307 | 1,274 | 1,299 | 1,504 | 563 | 736 | 791 | 825 |
| | | | Dysentery and Diarrhœa ... | 26 | 30 | 28 | 18 | 8 | 9 | 4 | 3 |
| | | | Respiratory diseases ... | 336 | 596 | 380 | 422 | 318 | 180 | 79 | 40 |
| | | | Injuries | 4 | 1 | 7 | 4 | 10 | 7 | 11 | 11 |
| | | | All other causes | 2,217 | 2,240 | 210 | 171 | 44 | 28 | 36 | 22 |
| | | | Total | 4,085 | 4,307 | 2,272 | 2,323 | 1,158 | 1,159 | 1,079 | 1,126 |
| 12 | LAHORE. | FEROZEPUR. | Cholera | 5 | 5 | 51 | 49 | 43 | 35 | 69 | 34 |
| | | | Small-pox | 265 | 221 | 403 | 378 | 345 | 302 | 61 | 61 |
| | | | Plague | 54 | 22 | 98 | 89 | 118 | 145 | 173 | 186 |
| | | | Fevers | 3,172 | 3,393 | 3,798 | 3,916 | 845 | 752 | 507 | 477 |
| | | | Dysentery and Diarrhœa ... | 38 | 34 | 65 | 50 | 56 | 42 | 50 | 36 |
| | | | Respiratory diseases ... | 59 | 37 | 66 | 43 | 57 | 53 | 81 | 68 |
| | | | Injuries | 2 | 1 | 27 | 20 | 28 | 5 | 20 | 13 |
| | | | All other causes | 3,174 | 3,150 | 1,711 | 1,531 | 156 | 124 | 80 | 80 |
| | | | Total | 6,769 | 6,863 | 6,219 | 6,076 | 1,648 | 1,458 | 1,041 | 955 |
| 13 | | MONTGOMERY. | Cholera | ... | ... | ... | 1 | ... | 2 | ... | 1 |
| | | | Small-pox | 122 | 116 | 279 | 214 | 70 | 93 | 27 | 35 |
| | | | Plague | 23 | 8 | 25 | 21 | 27 | 59 | 35 | 52 |
| | | | Fevers | 1,833 | 2,109 | 3,385 | 3,594 | 623 | 733 | 234 | 281 |
| | | | Dysentery and Diarrhœa ... | 25 | 5 | 29 | 18 | 5 | 11 | 4 | 4 |
| | | | Respiratory diseases ... | 12 | 18 | 12 | 6 | 3 | ... | 2 | 4 |
| | | | Injuries | 10 | 4 | 25 | 27 | 16 | 9 | 18 | 6 |
| | | | All other causes | 1,688 | 1,533 | 196 | 172 | 48 | 26 | 16 | 10 |
| | | | Total | 3,713 | 3,793 | 3,951 | 4,053 | 792 | 933 | 336 | 393 |
| 14 | | LAHORE. | Cholera | 2 | 3 | 99 | 73 | 88 | 68 | 49 | 42 |
| | | | Small pox | 454 | 385 | 928 | 813 | 284 | 349 | 89 | 72 |
| | | | Plague | 59 | 47 | 148 | 124 | 243 | 214 | 211 | 169 |
| | | | Fevers | 3,303 | 3,180 | 7,245 | 7,312 | 1,745 | 1,555 | 977 | 1,013 |
| | | | Dysentery and Diarrhœa ... | 110 | 68 | 151 | 76 | 26 | 23 | 15 | 11 |
| | | | Respiratory diseases ... | 95 | 63 | 44 | 39 | 23 | 23 | 43 | 28 |
| | | | Injuries | 7 | 4 | 43 | 29 | 49 | 23 | 23 | 9 |
| | | | All other causes | 4,753 | 4,544 | 698 | 591 | 93 | 64 | 41 | 56 |
| | | | Total | 8,783 | 8,294 | 9,356 | 9,057 | 2,551 | 2,319 | 1,448 | 1,400 |

No. IV—continued.

DISEASES IN THE DISTRICTS OF THE PUNJAB DURING THE YEAR 1908.

| 9 | | 10 | | 11 | | 12 | | 13 | | 14 | | 15 | | 16 |
|------------------------------|----------|------------------------------|----------|------------------------------|----------|------------------------------|----------|------------------------------|----------|-----------------------|----------|--------|----------|---------|
| 15 YEARS AND UNDER 20 YEARS. | | 20 YEARS AND UNDER 30 YEARS. | | 30 YEARS AND UNDER 40 YEARS. | | 40 YEARS AND UNDER 50 YEARS. | | 50 YEARS AND UNDER 60 YEARS. | | 60 YEARS AND UPWARDS. | | TOTAL. | | |
| Males. | Females. | Males. | Females. | Males. | Females. | Males. | Females. | Males. | Females. | Males. | Females. | Males. | Females. | Number. |
| 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 |
| 8 | 13 | 30 | 33 | 39 | 20 | 8 | 18 | ... | 4 | ... | ... | 96 | 98 | 8 |
| 20 | 8 | 5 | 4 | 7 | 8 | 2 | 2 | 6 | 2 | ... | 1 | 64 | 35 | |
| ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| 268 | 391 | 353 | 817 | 541 | 665 | 607 | 646 | 680 | 572 | 2,390 | 1,955 | 9,397 | 9,393 | |
| 19 | 38 | 75 | 57 | 56 | 29 | 34 | 43 | 50 | 39 | 34 | 87 | 617 | 580 | |
| 148 | 99 | 299 | 211 | 156 | 176 | 88 | 103 | 58 | 49 | 48 | 26 | 1,021 | 923 | |
| 10 | 8 | 13 | 19 | 43 | 14 | 46 | 19 | 22 | 11 | 5 | 1 | 183 | 89 | |
| 221 | 242 | 354 | 312 | 443 | 448 | 577 | 403 | 392 | 400 | 269 | 557 | 3,730 | 3,513 | |
| 694 | 799 | 1,129 | 1,453 | 1,285 | 1,362 | 1,362 | 1,234 | 1,208 | 1,077 | 2,746 | 2,627 | 15,104 | 14,635 | 9 |
| 5 | 6 | 15 | 11 | 16 | 14 | 24 | 9 | 7 | 6 | 13 | 12 | 119 | 91 | |
| 33 | 46 | 69 | 69 | 68 | 55 | 46 | 42 | 15 | 12 | 17 | 3 | 856 | 756 | |
| 50 | 52 | 135 | 108 | 98 | 97 | 82 | 85 | 48 | 53 | 62 | 61 | 649 | 655 | |
| 319 | 369 | 713 | 1,137 | 812 | 941 | 1,005 | 851 | 1,105 | 756 | 3,323 | 2,941 | 14,774 | 15,253 | |
| ... | ... | 2 | 1 | 3 | 1 | 2 | 2 | ... | ... | 2 | 3 | 84 | 77 | |
| 32 | 35 | 114 | 128 | 124 | 89 | 126 | 76 | 155 | 87 | 375 | 294 | 1,989 | 1,523 | |
| 8 | 6 | 32 | 22 | 18 | 8 | 12 | 10 | 19 | 5 | 15 | 10 | 172 | 112 | |
| 13 | 18 | 53 | 76 | 57 | 48 | 64 | 42 | 54 | 27 | 128 | 70 | 2,759 | 2,668 | |
| 460 | 532 | 1,133 | 1,552 | 1,196 | 1,253 | 1,361 | 1,117 | 1,403 | 946 | 3,935 | 3,394 | 21,402 | 21,135 | 10 |
| 8 | 5 | 13 | 9 | 10 | 5 | 4 | 6 | 5 | 5 | 8 | 5 | 115 | 86 | |
| 14 | 15 | 18 | 27 | 27 | 17 | 13 | 9 | 16 | 11 | 5 | 10 | 591 | 502 | |
| 7 | 9 | 4 | 2 | 1 | 1 | 2 | 2 | ... | 2 | 1 | ... | 35 | 26 | |
| 329 | 304 | 561 | 674 | 523 | 620 | 608 | 509 | 625 | 481 | 2,244 | 1,952 | 10,749 | 11,264 | |
| 12 | 8 | 21 | 20 | 20 | 18 | 26 | 11 | 30 | 19 | 83 | 56 | 399 | 319 | |
| 29 | 40 | 96 | 135 | 101 | 76 | 145 | 109 | 184 | 103 | 607 | 487 | 2,450 | 2,238 | |
| 11 | 10 | 25 | 17 | 10 | 10 | 17 | 6 | 14 | 5 | 13 | 9 | 149 | 108 | |
| 19 | 12 | 25 | 30 | 38 | 27 | 39 | 13 | 35 | 33 | 153 | 99 | 2,983 | 3,035 | |
| 429 | 403 | 763 | 914 | 730 | 774 | 854 | 665 | 909 | 659 | 3,114 | 2,618 | 17,471 | 17,578 | 11 |
| 40 | 30 | 49 | 25 | 24 | 19 | 26 | 21 | 11 | 8 | 13 | 5 | 208 | 133 | |
| 18 | 15 | 9 | 14 | 5 | 10 | 3 | 3 | 6 | 3 | 1 | 1 | 346 | 309 | |
| 276 | 302 | 204 | 549 | 450 | 585 | 399 | 202 | 230 | 140 | 196 | 126 | 2,322 | 2,405 | |
| 540 | 630 | 1,049 | 812 | 549 | 514 | 611 | 672 | 730 | 610 | 1,350 | 1,166 | 8,789 | 8,743 | |
| 7 | 11 | 5 | 6 | 4 | 3 | 19 | 20 | 22 | 10 | 25 | 19 | 148 | 129 | |
| 73 | 48 | 60 | 40 | 136 | 120 | 164 | 119 | 70 | 75 | 269 | 206 | 1,885 | 1,846 | |
| 6 | 4 | 9 | 5 | 5 | 3 | 4 | 2 | 8 | ... | 3 | ... | 67 | 37 | |
| 32 | 27 | 21 | 12 | 26 | 18 | 11 | 21 | 19 | 8 | 37 | 19 | 2,653 | 2,566 | |
| 992 | 1,067 | 1,406 | 1,463 | 1,199 | 1,267 | 1,237 | 1,060 | 1,096 | 854 | 1,894 | 1,542 | 16,418 | 16,168 | 12 |
| 58 | 41 | 103 | 65 | 65 | 48 | 53 | 23 | 55 | 16 | 30 | 9 | 532 | 325 | |
| 50 | 47 | 56 | 46 | 37 | 42 | 26 | 14 | 17 | 11 | 8 | 16 | 1,268 | 1,138 | |
| 178 | 155 | 313 | 307 | 240 | 251 | 162 | 146 | 115 | 107 | 140 | 182 | 1,591 | 1,590 | |
| 358 | 301 | 738 | 777 | 635 | 734 | 860 | 774 | 984 | 805 | 2,281 | 1,977 | 14,178 | 13,906 | |
| 49 | 33 | 64 | 34 | 56 | 36 | 49 | 23 | 21 | 21 | 35 | 19 | 483 | 328 | |
| 109 | 71 | 120 | 83 | 95 | 78 | 99 | 69 | 97 | 80 | 151 | 111 | 934 | 693 | |
| 31 | 18 | 34 | 21 | 24 | 12 | 16 | 4 | 17 | 9 | 10 | 5 | 209 | 108 | |
| 44 | 58 | 129 | 176 | 129 | 95 | 125 | 109 | 123 | 62 | 148 | 142 | 5,819 | 5,527 | |
| 877 | 724 | 1,557 | 1,509 | 1,281 | 1,296 | 1,290 | 1,162 | 1,429 | 1,111 | 2,803 | 2,461 | 25,014 | 23,615 | 13 |
| 6 | 3 | 2 | 2 | 2 | 2 | 1 | 2 | 1 | 2 | 2 | 3 | 14 | 18 | |
| 6 | 9 | 29 | 11 | 8 | 8 | 2 | 2 | 2 | 2 | 1 | ... | 546 | 490 | |
| 33 | 43 | 47 | 53 | 52 | 56 | 54 | 40 | 30 | 41 | 45 | 50 | 371 | 423 | |
| 114 | 113 | 249 | 384 | 250 | 352 | 319 | 327 | 436 | 376 | 1,563 | 1,324 | 9,006 | 9,593 | |
| 4 | 2 | 6 | 5 | 18 | 4 | 14 | 9 | 13 | 5 | 34 | 20 | 152 | 83 | |
| 2 | 3 | 14 | 8 | 26 | 8 | 18 | 12 | 15 | 13 | 54 | 33 | 158 | 105 | |
| 2 | 6 | 24 | 12 | 25 | 4 | 15 | 9 | 8 | 5 | 6 | 12 | 149 | 94 | |
| 20 | 29 | 36 | 53 | 33 | 38 | 22 | 28 | 24 | 13 | 42 | 20 | 2,125 | 1,922 | |
| 187 | 208 | 407 | 528 | 414 | 472 | 445 | 429 | 529 | 457 | 1,747 | 1,462 | 12,521 | 12,728 | 14 |
| 81 | 65 | 181 | 129 | 183 | 102 | 153 | 114 | 49 | 48 | 12 | 15 | 897 | 659 | |
| 60 | 69 | 60 | 51 | 34 | 24 | 15 | 16 | 2 | 3 | 1 | ... | 1,927 | 1,782 | |
| 184 | 181 | 298 | 280 | 270 | 198 | 188 | 161 | 151 | 132 | 149 | 101 | 1,901 | 1,607 | |
| 573 | 592 | 1,579 | 1,696 | 989 | 1,145 | 1,036 | 853 | 1,063 | 849 | 3,036 | 2,807 | 21,546 | 21,002 | |
| 16 | 12 | 41 | 26 | 56 | 38 | 41 | 37 | 33 | 22 | 104 | 70 | 593 | 383 | |
| 34 | 24 | 114 | 91 | 134 | 111 | 199 | 143 | 177 | 147 | 212 | 197 | 1,075 | 866 | |
| 17 | 8 | 43 | 28 | 59 | 16 | 29 | 18 | 12 | 7 | 34 | 16 | 316 | 158 | |
| 40 | 53 | 151 | 132 | 99 | 81 | 121 | 67 | 76 | 58 | 112 | 61 | 6,184 | 5,707 | |
| 1,005 | 1,004 | 2,467 | 2,433 | 1,824 | 1,715 | 1,782 | 1,409 | 1,563 | 1,266 | 3,660 | 3,267 | 34,439 | 32,164 | |

DEATHS REGISTERED ACCORDING TO SPECIFIED AGE PERIODS FROM DIFFERENT

| 1 | 2 | 3 | 4 | 5 | | 6 | | 7 | | 8 | |
|---------|-------------------|---|---------------------------------------|-----------------|----------|-----------------------------|----------|-----------------------------|----------|------------------------------|----------|
| Number. | Divisions. | Districts. | DISEASES. | UNDER ONE YEAR. | | ONE YEAR AND UNDER 5 YEARS. | | 5 YEARS AND UNDER 10 YEARS. | | 10 YEARS AND UNDER 15 YEARS. | |
| 1 | 2 | 3 | 4 | Males. | Females. | Males. | Females. | Males. | Females. | Males. | Females. |
| 15 | LAHORE—concluded. | AMRITSAR. | Cholera 3 1 31 26 27 22 16 13 | 3 | 1 | 31 | 26 | 27 | 22 | 16 | 13 |
| | | Small-pox 243 219 399 337 187 207 63 52 | 243 | 219 | 399 | 337 | 187 | 207 | 63 | 52 | |
| | | Plague 32 32 55 35 45 61 64 56 | 32 | 32 | 55 | 35 | 45 | 61 | 64 | 56 | |
| | | Fevers 3,222 3,282 8,291 8,118 1,660 1,632 640 638 | 3,222 | 3,282 | 8,291 | 8,118 | 1,660 | 1,632 | 640 | 638 | |
| | | Dysentery and Diarrhœa 56 51 218 205 65 54 24 15 | 56 | 51 | 218 | 205 | 65 | 54 | 24 | 15 | |
| | | Respiratory diseases 329 315 118 112 39 36 32 58 | 329 | 315 | 118 | 112 | 39 | 36 | 32 | 58 | |
| | | Injuries 4 3 23 22 32 12 28 9 | 4 | 3 | 23 | 22 | 32 | 12 | 28 | 9 | |
| | | All other causes 4,194 4,294 1,165 968 178 151 82 55 | 4,194 | 4,294 | 1,165 | 968 | 178 | 151 | 82 | 55 | |
| | | Total 8,083 8,197 10,300 9,823 2,233 2,175 949 896 | 8,083 | 8,197 | 10,300 | 9,823 | 2,233 | 2,175 | 949 | 896 | |
| 16 | | GURDASPUR. | Cholera 4 ... 17 11 11 5 15 14 | 4 | ... | 17 | 11 | 11 | 5 | 15 | 14 |
| | | Small-pox 204 159 293 255 86 75 16 20 | 204 | 159 | 293 | 255 | 86 | 75 | 16 | 20 | |
| | | Plague 2 4 11 7 20 28 21 26 | 2 | 4 | 11 | 7 | 20 | 28 | 21 | 26 | |
| | | Fevers 1,754 1,693 3,429 3,886 940 1,047 375 400 | 1,754 | 1,693 | 3,429 | 3,886 | 940 | 1,047 | 375 | 400 | |
| | | Dysentery and Diarrhœa 86 61 242 252 40 31 23 9 | 86 | 61 | 242 | 252 | 40 | 31 | 23 | 9 | |
| | | Respiratory diseases 3,295 2,706 778 661 70 66 48 40 | 3,295 | 2,706 | 778 | 661 | 70 | 66 | 48 | 40 | |
| | | Injuries 5 3 36 21 32 13 21 9 | 5 | 3 | 36 | 21 | 32 | 13 | 21 | 9 | |
| | | All other causes 98 102 125 89 23 23 20 9 | 98 | 102 | 125 | 89 | 23 | 23 | 20 | 9 | |
| | | Total 5,448 4,728 4,931 5,182 1,222 1,288 539 527 | 5,448 | 4,728 | 4,931 | 5,182 | 1,222 | 1,288 | 539 | 527 | |
| 17 | | SIALKOT. | Cholera 10 7 16 17 22 18 | ... | ... | 10 | 7 | 16 | 17 | 22 | 18 |
| | | Small-pox 324 293 601 569 266 220 74 58 | 324 | 293 | 601 | 569 | 266 | 220 | 74 | 58 | |
| | | Plague 2 13 12 9 11 15 16 | ... | 2 | 13 | 12 | 9 | 11 | 15 | 16 | |
| | | Fevers 3,796 3,490 4,649 4,449 1,509 1,613 1,101 1,367 | 3,796 | 3,490 | 4,649 | 4,449 | 1,509 | 1,613 | 1,101 | 1,367 | |
| | | Dysentery and Diarrhœa 217 214 155 137 85 72 51 53 | 217 | 214 | 155 | 137 | 85 | 72 | 51 | 53 | |
| | | Respiratory diseases 903 939 395 365 180 172 121 85 | 903 | 939 | 395 | 365 | 180 | 172 | 121 | 85 | |
| | | Injuries 3 2 18 14 30 16 28 11 | 3 | 2 | 18 | 14 | 30 | 16 | 28 | 11 | |
| | | All other causes 1,484 1,402 457 504 226 196 116 111 | 1,484 | 1,402 | 457 | 504 | 226 | 196 | 116 | 111 | |
| | | Total 6,727 6,342 6,298 6,057 2,321 2,317 1,528 1,719 | 6,727 | 6,342 | 6,298 | 6,057 | 2,321 | 2,317 | 1,528 | 1,719 | |
| 18 | | GURJANWALA. | Cholera 47 37 49 50 47 42 15 9 | 47 | 37 | 49 | 50 | 47 | 42 | 15 | 9 |
| | | Small-pox 132 134 179 197 65 64 30 31 | 132 | 134 | 179 | 197 | 65 | 64 | 30 | 31 | |
| | | Plague 2 2 3 2 ... 3 | ... | 2 | 2 | ... | 3 | 2 | ... | 3 | |
| | | Fevers 2,062 1,858 4,884 4,907 1,329 1,333 481 537 | 2,062 | 1,858 | 4,884 | 4,907 | 1,329 | 1,333 | 481 | 537 | |
| | | Dysentery and Diarrhœa 57 44 142 95 25 19 5 4 | 57 | 44 | 142 | 95 | 25 | 19 | 5 | 4 | |
| | | Respiratory diseases 503 494 164 170 13 8 11 16 | 503 | 494 | 164 | 170 | 13 | 8 | 11 | 16 | |
| | | Injuries 4 3 25 23 27 19 14 10 | 4 | 3 | 25 | 23 | 27 | 19 | 14 | 10 | |
| | | All other causes 1,503 1,382 345 241 26 29 13 14 | 1,503 | 1,382 | 345 | 241 | 26 | 29 | 13 | 14 | |
| | | Total 4,262 3,919 5,749 5,643 1,501 1,481 562 618 | 4,262 | 3,919 | 5,749 | 5,643 | 1,501 | 1,481 | 562 | 618 | |
| 19 | | GUJRAT. | Cholera 1 2 8 10 13 7 8 3 | 1 | 2 | 8 | 10 | 13 | 7 | 8 | 3 |
| | | Small-pox 132 134 179 197 65 64 30 31 | 132 | 134 | 179 | 197 | 65 | 64 | 30 | 31 | |
| | | Plague 2 2 3 2 ... 3 | ... | 2 | 2 | ... | 3 | 2 | ... | 3 | |
| | | Fevers 2,062 1,858 4,884 4,907 1,329 1,333 481 537 | 2,062 | 1,858 | 4,884 | 4,907 | 1,329 | 1,333 | 481 | 537 | |
| | | Dysentery and Diarrhœa 57 44 142 95 25 19 5 4 | 57 | 44 | 142 | 95 | 25 | 19 | 5 | 4 | |
| | | Respiratory diseases 503 494 164 170 13 8 11 16 | 503 | 494 | 164 | 170 | 13 | 8 | 11 | 16 | |
| | | Injuries 4 3 25 23 27 19 14 10 | 4 | 3 | 25 | 23 | 27 | 19 | 14 | 10 | |
| | | All other causes 1,503 1,382 345 241 26 29 13 14 | 1,503 | 1,382 | 345 | 241 | 26 | 29 | 13 | 14 | |
| | | Total 4,262 3,919 5,749 5,643 1,501 1,481 562 618 | 4,262 | 3,919 | 5,749 | 5,643 | 1,501 | 1,481 | 562 | 618 | |
| 20 | | SHAHPUR. | Cholera 1 4 25 22 12 10 16 13 | 1 | 4 | 25 | 22 | 12 | 10 | 16 | 13 |
| | | Small-pox 36 42 99 76 61 73 6 15 | 36 | 42 | 99 | 76 | 61 | 73 | 6 | 15 | |
| | | Plague 3 6 4 11 8 13 | ... | 3 | 6 | 4 | 11 | 8 | 13 | | |
| | | Fevers 2,349 2,185 3,613 3,839 856 837 318 333 | 2,349 | 2,185 | 3,613 | 3,839 | 856 | 837 | 318 | 333 | |
| | | Dysentery and Diarrhœa 21 14 29 21 15 5 6 7 | 21 | 14 | 29 | 21 | 15 | 5 | 6 | 7 | |
| | | Respiratory diseases 17 12 17 9 9 5 7 8 | 17 | 12 | 17 | 9 | 9 | 5 | 7 | 8 | |
| | | Injuries 5 7 45 38 26 16 17 9 | 5 | 7 | 45 | 38 | 26 | 16 | 17 | 9 | |
| | | All other causes 1,931 1,637 272 245 50 29 25 11 | 1,931 | 1,637 | 272 | 245 | 50 | 29 | 25 | 11 | |
| | | Total 4,360 3,901 4,103 4,256 1,033 986 403 409 | 4,360 | 3,901 | 4,103 | 4,256 | 1,033 | 986 | 403 | 409 | |
| 21 | | JHELM. | Cholera 3 3 4 3 4 3 4 3 | 3 | 3 | 4 | 3 | 4 | 3 | 4 | 3 |
| | | Small-pox 33 28 41 32 18 15 34 33 | 33 | 28 | 41 | 32 | 18 | 15 | 34 | 33 | |
| | | Plague 1 1 1 1 4 3 1 1 | ... | 1 | 1 | 1 | 4 | 3 | 1 | 1 | |
| | | Fevers 1,862 2,043 2,307 2,414 267 389 318 384 | 1,862 | 2,043 | 2,307 | 2,414 | 267 | 389 | 318 | 384 | |
| | | Dysentery and Diarrhœa 43 21 32 14 15 8 15 17 | 43 | 21 | 32 | 14 | 15 | 8 | 15 | 17 | |
| | | Respiratory diseases 12 11 13 25 9 5 13 4 | 12 | 11 | 13 | 25 | 9 | 5 | 13 | 4 | |
| | | Injuries 48 11 33 28 30 15 6 1 | 48 | 11 | 33 | 28 | 30 | 15 | 6 | 1 | |
| | | All other causes 976 705 471 344 180 171 67 82 | 976 | 705 | 471 | 344 | 180 | 171 | 67 | 82 | |
| | | Total 2,977 2,822 2,901 2,861 523 610 460 525 | 2,977 | 2,822 | 2,901 | 2,861 | 523 | 610 | 460 | 525 | |

No. IV—continued.

DISEASES IN THE DISTRICTS OF THE PUNJAB DURING THE YEAR 1908.

| 9 | | 10 | | 11 | | 12 | | 13 | | 14 | | 15 | | 16 |
|------------------------------|----------|------------------------------|----------|------------------------------|----------|------------------------------|----------|------------------------------|----------|-----------------------|----------|--------|----------|---------|
| 15 YEARS AND UNDER 20 YEARS. | | 20 YEARS AND UNDER 30 YEARS. | | 30 YEARS AND UNDER 40 YEARS. | | 40 YEARS AND UNDER 50 YEARS. | | 50 YEARS AND UNDER 60 YEARS. | | 60 YEARS AND UPWARDS. | | TOTAL. | | |
| Males. | Females. | Males. | Females. | Males. | Females. | Males. | Females. | Males. | Females. | Males. | Females. | Males. | Females. | Number. |
| 15 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 |
| 20 | 17 | 48 | 26 | 33 | 30 | 26 | 25 | 24 | 12 | 28 | 15 | 256 | 187 | 15 |
| 41 | 29 | 17 | 10 | 13 | 7 | 8 | 9 | 3 | 4 | 1 | ... | 975 | 874 | |
| 39 | 48 | 84 | 86 | 46 | 52 | 57 | 59 | 45 | 50 | 61 | 45 | 528 | 524 | |
| 359 | 397 | 1,033 | 1,293 | 858 | 975 | 1,056 | 958 | 1,241 | 971 | 4,465 | 4,014 | 22,825 | 22,278 | |
| 15 | 14 | 57 | 43 | 65 | 39 | 90 | 42 | 88 | 42 | 209 | 110 | 887 | 615 | |
| 66 | 93 | 96 | 157 | 153 | 164 | 137 | 97 | 150 | 97 | 420 | 331 | 1,540 | 1,460 | |
| 15 | 3 | 27 | 14 | 26 | 12 | 18 | 8 | 18 | 5 | 26 | 18 | 217 | 106 | |
| 53 | 49 | 89 | 129 | 81 | 67 | 79 | 51 | 68 | 37 | 120 | 73 | 6,109 | 5,874 | |
| 608 | 650 | 1,451 | 1,758 | 1,275 | 1,346 | 1,471 | 1,249 | 1,637 | 1,218 | 5,330 | 4,606 | 33,337 | 31,918 | |
| 3 | 3 | 16 | 17 | 16 | 10 | 7 | 6 | 4 | 6 | 5 | 7 | 98 | 79 | 16 |
| 14 | 24 | 61 | 56 | 28 | 40 | 18 | 13 | 9 | 5 | 6 | 3 | 735 | 650 | |
| 14 | 9 | 26 | 29 | 22 | 22 | 14 | 14 | 14 | 8 | 12 | 10 | 156 | 157 | |
| 269 | 294 | 667 | 844 | 673 | 738 | 744 | 585 | 679 | 495 | 2,114 | 1,762 | 11,644 | 11,744 | |
| 10 | 7 | 32 | 34 | 39 | 34 | 52 | 29 | 44 | 24 | 141 | 96 | 709 | 577 | |
| 36 | 43 | 142 | 193 | 151 | 143 | 197 | 122 | 134 | 140 | 446 | 359 | 5,297 | 4,473 | |
| 12 | ... | 20 | 12 | 18 | 7 | 26 | 4 | 11 | 4 | 27 | 9 | 208 | 82 | |
| 17 | 9 | 47 | 40 | 31 | 41 | 40 | 19 | 34 | 17 | 83 | 32 | 518 | 381 | |
| 375 | 389 | 1,011 | 1,225 | 978 | 1,035 | 1,098 | 792 | 929 | 699 | 2,834 | 2,278 | 19,365 | 18,143 | |
| 25 | 22 | 34 | 21 | 9 | 23 | 5 | 11 | 3 | 5 | 1 | 1 | 125 | 125 | 17 |
| 47 | 42 | 39 | 40 | 30 | 29 | 19 | 17 | 9 | 5 | 3 | 1 | 1,412 | 1,283 | |
| 11 | 4 | 19 | 16 | 9 | 14 | 4 | 6 | 7 | 3 | 5 | 2 | 92 | 86 | |
| 880 | 963 | 875 | 1,171 | 843 | 1,059 | 832 | 767 | 569 | 720 | 2,868 | 2,709 | 17,922 | 18,308 | |
| 40 | 46 | 37 | 18 | 34 | 17 | 22 | 9 | 30 | 13 | 106 | 91 | 777 | 670 | |
| 87 | 88 | 110 | 108 | 86 | 99 | 77 | 107 | 90 | 116 | 759 | 592 | 2,808 | 2,671 | |
| 35 | 17 | 32 | 17 | 24 | 20 | 17 | 12 | 11 | 7 | 7 | 2 | 205 | 118 | |
| 94 | 79 | 89 | 73 | 68 | 67 | 92 | 67 | 185 | 94 | 568 | 479 | 3,379 | 3,072 | |
| 1,219 | 1,261 | 1,235 | 1,473 | 1,103 | 1,328 | 1,068 | 996 | 904 | 963 | 4,317 | 3,877 | 26,720 | 26,333 | |
| 10 | 7 | 14 | 13 | 20 | 15 | 26 | 18 | 12 | 11 | 8 | 7 | 90 | 71 | 18 |
| 12 | 10 | 9 | 13 | 6 | 8 | ... | ... | ... | ... | ... | ... | 185 | 169 | |
| 32 | 40 | 38 | 49 | 60 | 51 | 52 | 47 | 59 | 46 | 39 | 26 | 346 | 318 | |
| 116 | 68 | 428 | 515 | 207 | 429 | 368 | 362 | 327 | 283 | 2,019 | 1,795 | 15,019 | 14,298 | |
| 16 | 13 | 15 | 10 | 19 | 11 | 20 | 12 | 12 | 9 | 18 | 13 | 158 | 103 | |
| 25 | 19 | 47 | 36 | 43 | 39 | 52 | 49 | 61 | 58 | 48 | 52 | 420 | 370 | |
| 35 | 19 | 41 | 13 | 39 | 18 | 53 | 19 | 49 | 11 | 24 | 29 | 280 | 133 | |
| 50 | 99 | 108 | 96 | 180 | 115 | 84 | 102 | 106 | 96 | 131 | 75 | 2,348 | 2,166 | |
| 296 | 275 | 700 | 747 | 574 | 686 | 655 | 609 | 626 | 509 | 2,287 | 1,997 | 18,846 | 17,628 | |
| 3 | 2 | 13 | 6 | 15 | 12 | 7 | 9 | 4 | 6 | 13 | 7 | 85 | 64 | 19 |
| 15 | 16 | 27 | 22 | 9 | 15 | 4 | 3 | 1 | 1 | ... | 2 | 462 | 485 | |
| 2 | 1 | 3 | 3 | 3 | 2 | 1 | 3 | 2 | ... | 1 | 1 | 17 | 17 | |
| 232 | 313 | 633 | 915 | 667 | 881 | 736 | 768 | 785 | 728 | 2,895 | 2,742 | 14,704 | 14,982 | |
| 3 | 1 | 13 | 12 | 19 | 16 | 10 | 7 | 21 | 15 | 58 | 44 | 353 | 257 | |
| 8 | 14 | 41 | 63 | 42 | 50 | 40 | 45 | 45 | 31 | 166 | 131 | 1,033 | 1,022 | |
| 11 | 3 | 22 | 11 | 19 | 5 | 9 | 3 | 9 | 1 | 16 | 7 | 156 | 85 | |
| 16 | 18 | 30 | 63 | 44 | 38 | 16 | 33 | 24 | 15 | 64 | 37 | 2,081 | 1,870 | |
| 290 | 368 | 782 | 1,095 | 818 | 1,019 | 823 | 871 | 891 | 797 | 3,213 | 2,971 | 18,891 | 18,782 | |
| 11 | 7 | 38 | 22 | 15 | 16 | 17 | 7 | 12 | 5 | 15 | 7 | 162 | 113 | 20 |
| 7 | 9 | 9 | 5 | 9 | 3 | 1 | 4 | ... | ... | 1 | ... | 219 | 227 | |
| 6 | 3 | 13 | 15 | 19 | 16 | 14 | 9 | 3 | 2 | 9 | 6 | 79 | 81 | |
| 170 | 147 | 328 | 435 | 374 | 535 | 470 | 423 | 487 | 457 | 1,698 | 1,612 | 10,613 | 10,803 | |
| 5 | 2 | 13 | 16 | 8 | 10 | 15 | 4 | 11 | 12 | 54 | 25 | 177 | 116 | |
| 7 | 12 | 21 | 24 | 19 | 27 | 27 | 22 | 23 | 20 | 75 | 36 | 222 | 175 | |
| 9 | 4 | 22 | 13 | 24 | 2 | 12 | 5 | 16 | 2 | 17 | 5 | 193 | 101 | |
| 9 | 16 | 42 | 46 | 41 | 42 | 28 | 20 | 36 | 22 | 55 | 24 | 2,489 | 2,092 | |
| 224 | 200 | 486 | 576 | 509 | 651 | 584 | 494 | 588 | 520 | 1,924 | 1,715 | 14,214 | 13,768 | |
| 2 | 6 | 34 | 30 | 62 | 80 | 121 | 74 | 152 | 102 | 221 | 188 | 607 | 492 | 21 |
| 3 | 1 | 4 | 4 | 5 | 2 | ... | ... | ... | ... | 1 | ... | 13 | 115 | |
| 3 | 5 | 6 | 12 | 22 | 5 | 5 | 10 | 10 | 26 | 30 | 33 | 71 | 97 | |
| 318 | 348 | 472 | 576 | 557 | 568 | 487 | 570 | 455 | 547 | 1,754 | 1,382 | 8,797 | 9,221 | |
| 5 | 9 | 15 | 14 | 8 | 30 | 41 | 17 | 20 | 8 | 34 | 23 | 237 | 161 | |
| 25 | 16 | 46 | 88 | 59 | 53 | 77 | 42 | 63 | 21 | 130 | 134 | 447 | 399 | |
| 15 | ... | 9 | 2 | 3 | 4 | 1 | 7 | 2 | 2 | 10 | 9 | 157 | 79 | |
| 59 | 72 | 119 | 111 | 62 | 71 | 62 | 59 | 49 | 60 | 119 | 309 | 2,164 | 1,984 | |
| 430 | 457 | 705 | 837 | 778 | 813 | 794 | 779 | 760 | 766 | 2,299 | 2,078 | 12,627 | 12,548 | |

DEATHS REGISTERED ACCORDING TO SPECIFIED AGE PERIODS FROM DIFFERENT

| 1 | 2 | 3 | 4 | 5 | | 6 | | 7 | | 8 | |
|---------|-----------------------|---------------|-----------------------------|-----------------|----------|-----------------------------|----------|-----------------------------|----------|------------------------------|----------|
| Number. | Divisions. | Districts. | DISEASES. | UNDER ONE YEAR. | | ONE YEAR AND UNDER 5 YEARS. | | 5 YEARS AND UNDER 10 YEARS. | | 10 YEARS AND UNDER 15 YEARS. | |
| 1 | 2 | 3 | 4 | Males. | Females. | Males. | Females. | Males. | Females. | Males. | Females. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| 22 | RAWALPINDI—concluded. | RAWALPINDI. | Cholera | 1 | 1 | 9 | 14 | 16 | 10 | 11 | 9 |
| | | | Small-pox | 19 | 29 | 51 | 65 | 23 | 13 | 21 | 11 |
| | | | Plague | 3 | 1 | 4 | 5 | 12 | 15 | 14 | 9 |
| | | | Fevers | 1,198 | 1,200 | 1,614 | 1,677 | 547 | 537 | 34 | 295 |
| | | | Dysentery and Diarrhoea ... | 346 | 263 | 188 | 186 | 59 | 50 | 21 | 19 |
| | | | Respiratory diseases ... | 58 | 42 | 27 | 33 | 14 | 15 | 16 | 14 |
| | | | Injuries | 1 | 6 | 9 | 12 | 4 | 11 | 4 | 5 |
| | | | All other causes | 1,003 | 970 | 257 | 252 | 100 | 119 | 63 | 81 |
| | | | Total | 2,629 | 2,512 | 2,159 | 2,244 | 775 | 770 | 484 | 443 |
| 23 | | ATTOCK. | Cholera | 10 | 15 | 23 | 12 | 18 | 11 | 20 | 11 |
| | | | Small-pox | 47 | 36 | 55 | 60 | 54 | 46 | 9 | 8 |
| | | | Plague | 1 | 2 | 3 | 4 | 2 | 3 | 1 | 2 |
| | | | Fever | 955 | 978 | 1,116 | 1,282 | 608 | 611 | 283 | 297 |
| | | | Dysentery and Diarrhoea ... | 8 | 6 | 9 | 8 | 3 | 2 | 6 | 4 |
| | | | Respiratory diseases ... | 4 | 2 | 8 | 3 | 1 | 3 | 5 | 12 |
| | | | Injuries | 2 | 1 | 16 | 12 | 15 | 11 | 9 | 4 |
| | | | All other causes | 1,060 | 967 | 140 | 158 | 55 | 51 | 39 | 40 |
| | | | Total | 2,087 | 2,007 | 1,372 | 1,539 | 756 | 738 | 372 | 378 |
| 24 | | MIANWALI | Cholera | 8 | 5 | 67 | 44 | 53 | 40 | 32 | 20 |
| | | | Small-pox | 23 | 17 | 38 | 22 | 20 | 17 | 8 | 10 |
| | | | Plague | 2 | ... | ... | 1 | 1 | 2 | 1 | 3 |
| | | | Fevers | 1,544 | 1,468 | 1,237 | 1,323 | 502 | 576 | 241 | 201 |
| | | | Dysentery and Diarrhoea ... | 24 | 14 | 23 | 23 | 7 | 6 | 4 | 4 |
| | | | Respiratory diseases ... | 13 | 10 | 8 | 4 | 3 | 1 | 3 | 4 |
| | | | Injuries | 3 | 1 | 25 | 18 | 20 | 14 | 11 | 6 |
| | | | All other causes | 863 | 729 | 69 | 81 | 44 | 36 | 25 | 21 |
| | | | Total | 2,480 | 2,244 | 1,467 | 1,516 | 650 | 692 | 325 | 269 |
| 25 | | JHANG. | Cholera | ... | 1 | 10 | 4 | 13 | 8 | 8 | 4 |
| | | | Small-pox | 49 | 55 | 68 | 62 | 33 | 55 | 16 | 1 |
| | | | Plague | 5 | 6 | 19 | 12 | 27 | 19 | 27 | 25 |
| | | | Fevers | 2,125 | 1,973 | 2,150 | 2,507 | 538 | 599 | 164 | 231 |
| | | | Dysentery and Diarrhoea ... | 83 | 67 | 55 | 54 | 35 | 27 | 49 | 36 |
| | | | Respiratory diseases ... | 15 | 13 | 10 | 7 | 23 | 11 | 27 | 11 |
| | | | Injuries | ... | 1 | 1 | 1 | 2 | 2 | 1 | ... |
| | | | All other causes | 1,335 | 1,303 | 207 | 200 | 116 | 54 | 54 | 58 |
| | | | Total | 3,612 | 3,419 | 2,520 | 2,847 | 787 | 775 | 346 | 366 |
| 26 | MULTAN. | LYALLPUR. | Cholera | 13 | 17 | 49 | 37 | 40 | 21 | 36 | 21 |
| | | | Small-pox | 337 | 288 | 583 | 610 | 177 | 163 | 78 | 82 |
| | | | Plague | 33 | 29 | 57 | 77 | 78 | 87 | 75 | 82 |
| | | | Fevers | 2,099 | 2,091 | 2,544 | 2,789 | 667 | 724 | 327 | 320 |
| | | | Dysentery and Diarrhoea ... | 33 | 29 | 52 | 60 | 17 | 15 | 10 | 1 |
| | | | Respiratory diseases ... | 72 | 65 | 48 | 36 | 8 | 11 | 6 | 8 |
| | | | Injuries | 12 | 12 | 55 | 61 | 23 | 13 | 15 | 8 |
| | | | All other causes | 2,084 | 2,200 | 307 | 218 | 41 | 38 | 26 | 35 |
| | | | Total | 4,683 | 4,731 | 3,695 | 3,888 | 1,051 | 1,072 | 573 | 557 |
| 27 | | MULTAN. | Cholera | 1 | ... | 5 | 2 | 10 | 12 | 7 | 4 |
| | | | Small-pox | 53 | 48 | 136 | 127 | 37 | 38 | 11 | 8 |
| | | | Plague | ... | ... | ... | ... | ... | ... | ... | ... |
| | | | Fevers | 2,761 | 2,820 | 3,083 | 3,474 | 860 | 890 | 351 | 300 |
| | | | Dysentery and Diarrhoea ... | 58 | 40 | 46 | 27 | 4 | 2 | 3 | ... |
| | | | Respiratory diseases ... | 32 | 26 | 20 | 21 | 4 | 5 | 2 | 8 |
| | | | Injuries | 4 | 2 | 46 | 50 | 28 | 27 | 14 | 4 |
| | | | All other causes | 2,184 | 2,079 | 106 | 94 | 32 | 26 | 13 | 24 |
| | | | Total | 5,093 | 5,015 | 3,442 | 3,795 | 975 | 1,000 | 401 | 348 |
| 28 | | MUZAFFARGARH. | Cholera | ... | ... | 7 | 3 | 3 | 9 | 1 | ... |
| | | | Small-pox | 32 | 23 | 38 | 36 | 49 | 25 | 10 | 12 |
| | | | Plague | ... | ... | ... | ... | ... | ... | ... | ... |
| | | | Fevers | 2,009 | 1,893 | 1,371 | 1,474 | 480 | 419 | 194 | 177 |
| | | | Dysentery and Diarrhoea ... | 14 | 9 | 8 | 6 | 2 | 1 | 2 | ... |
| | | | Respiratory diseases ... | 11 | 7 | 4 | 6 | ... | 1 | 1 | ... |
| | | | Injuries | 1 | 2 | 32 | 15 | 20 | 9 | 13 | 6 |
| | | | All other causes | 280 | 231 | 23 | 23 | 13 | 4 | 10 | 5 |
| | | | Total | 2,347 | 2,165 | 1,483 | 1,563 | 567 | 468 | 231 | 200 |

No. IV—continued.

DISEASES IN THE DISTRICTS OF THE PUNJAB DURING THE YEAR 1908.

| 9 | | 10 | | 11 | | 12 | | 13 | | 14 | | 15 | | 16 |
|------------------------------|----------|------------------------------|----------|------------------------------|----------|------------------------------|----------|------------------------------|----------|-----------------------|----------|--------|----------|---------|
| 15 YEARS AND UNDER 20 YEARS. | | 20 YEARS AND UNDER 30 YEARS. | | 30 YEARS AND UNDER 40 YEARS. | | 40 YEARS AND UNDER 50 YEARS. | | 50 YEARS AND UNDER 60 YEARS. | | 60 YEARS AND UPWARDS. | | TOTAL. | | |
| Males. | Females. | Males. | Females. | Males. | Females. | Males. | Females. | Males. | Females. | Males. | Females. | Males. | Females. | Number. |
| 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 |
| 12 | 21 | 114 | 115 | 181 | 159 | 105 | 105 | 54 | 36 | 20 | 9 | 523 | 479 | 22 |
| 6 | 9 | 4 | 4 | 2 | ... | 1 | 1 | ... | ... | 1 | ... | 128 | 132 | |
| 7 | 5 | 21 | 18 | 40 | 43 | 24 | 28 | 11 | 16 | 21 | 13 | 157 | 153 | |
| 213 | 168 | 566 | 658 | 655 | 724 | 692 | 703 | 699 | 568 | 2,054 | 1,716 | 8,572 | 8,246 | |
| 14 | 19 | 32 | 33 | 37 | 43 | 31 | 12 | 13 | 5 | 19 | 7 | 760 | 637 | |
| 31 | 14 | 55 | 54 | 67 | 64 | 79 | 60 | 57 | 23 | 50 | 28 | 454 | 347 | |
| 2 | 3 | 25 | 11 | 56 | 27 | 30 | 16 | 10 | 1 | 14 | 2 | 155 | 94 | |
| 77 | 68 | 62 | 69 | 74 | 63 | 57 | 21 | 37 | 8 | 33 | 23 | 1,763 | 1,674 | |
| 362 | 307 | 879 | 962 | 1,112 | 1,123 | 1,019 | 946 | 881 | 657 | 2,212 | 1,798 | 12,512 | 11,762 | |
| 21 | 15 | 32 | 25 | 39 | 36 | 49 | 46 | 23 | 20 | 24 | 17 | 261 | 208 | 23 |
| 5 | 4 | 3 | ... | 4 | 4 | 2 | 3 | ... | ... | ... | ... | 179 | 161 | |
| 3 | 4 | 5 | 4 | 2 | 6 | 1 | 4 | 4 | 8 | 3 | 4 | 25 | 41 | |
| 274 | 272 | 798 | 847 | 829 | 872 | 688 | 682 | 665 | 631 | 1,050 | 1,006 | 7,266 | 7,478 | |
| 9 | 3 | 5 | 8 | 7 | 2 | 7 | 5 | 5 | 4 | 7 | 4 | 66 | 46 | |
| 10 | 9 | 43 | 48 | 41 | 40 | 31 | 23 | 17 | 15 | 21 | 31 | 181 | 186 | |
| 6 | 1 | 27 | 9 | 21 | 8 | 14 | 3 | 6 | 3 | 8 | 6 | 124 | 58 | |
| 38 | 30 | 22 | 28 | 21 | 21 | 18 | 27 | 24 | 23 | 6 | 4 | 1,423 | 1,349 | |
| 366 | 338 | 935 | 969 | 964 | 989 | 810 | 793 | 744 | 704 | 1,119 | 1,072 | 9,525 | 9,527 | |
| 10 | 9 | 60 | 46 | 66 | 59 | 57 | 43 | 39 | 26 | 43 | 27 | 435 | 319 | 24 |
| 2 | 3 | 2 | 7 | 1 | 3 | ... | ... | ... | ... | ... | ... | 94 | 79 | |
| 1 | 1 | 1 | 1 | 3 | 2 | 6 | 3 | 2 | ... | 2 | ... | 19 | 13 | |
| 142 | 111 | 351 | 388 | 369 | 503 | 462 | 453 | 514 | 435 | 1,101 | 1,045 | 6,463 | 6,503 | |
| 4 | 2 | 15 | 11 | 21 | 18 | 22 | 8 | 27 | 13 | 44 | 27 | 191 | 126 | |
| 6 | 5 | 21 | 11 | 21 | 24 | 20 | 7 | 19 | 18 | 46 | 33 | 160 | 117 | |
| 6 | 3 | 19 | 10 | 21 | 10 | 6 | 7 | 5 | 3 | 10 | 6 | 126 | 78 | |
| 18 | 21 | 34 | 67 | 52 | 71 | 45 | 40 | 46 | 18 | 58 | 39 | 1,254 | 1,123 | |
| 189 | 155 | 503 | 541 | 554 | 690 | 618 | 561 | 652 | 513 | 1,304 | 1,177 | 8,742 | 8,358 | |
| 2 | 3 | 14 | 6 | 18 | 9 | 12 | 9 | 14 | 7 | 29 | 11 | 120 | 62 | 25 |
| 11 | 6 | 12 | 13 | 5 | 6 | 2 | 1 | 2 | ... | 2 | ... | 200 | 199 | |
| 29 | 26 | 26 | 21 | 35 | 32 | 26 | 19 | 21 | 21 | 23 | 7 | 238 | 188 | |
| 30 | 41 | 189 | 308 | 215 | 346 | 304 | 379 | 365 | 331 | 1,622 | 1,331 | 7,702 | 8,046 | |
| 35 | 20 | 46 | 27 | 27 | 15 | 37 | 26 | 60 | 43 | 96 | 64 | 523 | 379 | |
| 29 | 15 | 47 | 39 | 59 | 43 | 87 | 58 | 54 | 33 | 99 | 95 | 450 | 325 | |
| 4 | 3 | 3 | 1 | 4 | 2 | 5 | ... | 3 | 1 | 4 | ... | 27 | 11 | |
| 28 | 45 | 73 | 91 | 47 | 114 | 54 | 64 | 49 | 38 | 138 | 86 | 2,101 | 2,053 | |
| 168 | 159 | 410 | 506 | 410 | 567 | 527 | 556 | 568 | 474 | 2,013 | 1,594 | 11,361 | 11,263 | |
| 30 | 10 | 40 | 36 | 46 | 42 | 28 | 22 | 29 | 15 | 29 | 26 | 340 | 247 | 26 |
| 58 | 43 | 75 | 47 | 30 | 11 | 10 | 14 | 6 | 7 | 5 | 9 | 1,359 | 1,274 | |
| 66 | 46 | 116 | 99 | 82 | 79 | 48 | 57 | 33 | 44 | 34 | 41 | 622 | 641 | |
| 159 | 149 | 337 | 420 | 338 | 382 | 369 | 323 | 373 | 201 | 1,251 | 997 | 8,464 | 8,396 | |
| 4 | 5 | 16 | 13 | 21 | 19 | 28 | 15 | 21 | 14 | 62 | 37 | 264 | 208 | |
| 13 | 13 | 24 | 20 | 38 | 33 | 48 | 28 | 47 | 32 | 85 | 66 | 389 | 312 | |
| 10 | 3 | 21 | 16 | 26 | 13 | 13 | 5 | 9 | 4 | 10 | 9 | 194 | 144 | |
| 17 | 22 | 24 | 34 | 29 | 65 | 28 | 20 | 18 | 11 | 32 | 22 | 2,606 | 2,665 | |
| 357 | 291 | 653 | 685 | 610 | 644 | 572 | 484 | 536 | 328 | 1,508 | 1,207 | 14,238 | 13,887 | |
| 4 | 4 | 10 | 7 | 13 | 8 | 8 | 9 | 9 | 4 | 9 | 12 | 76 | 62 | 27 |
| 12 | 8 | 15 | 16 | 19 | 7 | 12 | 1 | 6 | 1 | 6 | 3 | 307 | 257 | |
| 190 | 200 | 491 | 680 | 560 | 700 | 722 | 604 | 639 | 508 | 2,068 | 1,721 | 11,725 | 11,897 | |
| 3 | 2 | 10 | 10 | 16 | 9 | 23 | 6 | 19 | 13 | 60 | 39 | 242 | 148 | |
| 3 | 12 | 20 | 18 | 13 | 15 | 15 | 14 | 25 | 15 | 60 | 36 | 194 | 170 | |
| 17 | 6 | 35 | 12 | 18 | 7 | 22 | 10 | 13 | 8 | 13 | 13 | 210 | 139 | |
| 28 | 34 | 33 | 99 | 60 | 87 | 60 | 41 | 32 | 21 | 103 | 71 | 2,651 | 2,576 | |
| 257 | 266 | 614 | 842 | 699 | 833 | 862 | 685 | 743 | 570 | 2,319 | 1,895 | 15,405 | 15,249 | |
| 1 | 1 | 2 | 4 | 5 | 6 | 1 | 4 | 2 | 3 | 3 | 3 | 25 | 33 | 28 |
| 7 | 16 | 31 | 28 | 22 | 10 | 8 | 6 | ... | ... | ... | ... | 197 | 150 | |
| 124 | 113 | 345 | 452 | 391 | 490 | 418 | 439 | 376 | 313 | 1,059 | 847 | 6,767 | 6,617 | |
| 2 | 2 | 1 | 2 | 6 | 2 | 3 | 2 | 10 | 4 | 11 | 16 | 59 | 44 | |
| ... | 1 | ... | ... | 3 | 1 | 2 | 3 | 2 | ... | 5 | 3 | 28 | 22 | |
| 7 | 2 | 24 | 9 | 14 | 7 | 8 | 7 | 5 | ... | 16 | 6 | 140 | 63 | |
| 4 | 15 | 17 | 68 | 19 | 53 | 17 | 26 | 11 | 8 | 19 | 6 | 413 | 439 | |
| 145 | 144 | 420 | 563 | 460 | 569 | 457 | 487 | 406 | 328 | 1,113 | 881 | 7,629 | 7,368 | |

DEATHS REGISTERED ACCORDING TO SPECIFIED AGE PERIODS FROM DIFFERENT

| 1 | 2 | 3 | 4 | 5 | | 6 | | 7 | | 8 | |
|--|------------|------------------|----------------------------|-----------------|----------|-----------------------------|----------|-----------------------------|-----------|------------------------------|-----------|
| Number. | Divisions. | District. | DISEASES. | UNDER ONE YEAR. | | ONE YEAR AND UNDER 5 YEARS. | | 5 YEARS AND UNDER 10 YEARS. | | 10 YEARS AND UNDER 15 YEARS. | |
| | | | | Males. | Females. | Males. | Females. | Males. | Females. | Males. | Females. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| 29 | | DERA GHAZI KHAN. | Cholera | 3 | 1 | 12 | 8 | 15 | 17 | 20 | 21 |
| | | | Small-pox | 1 | 3 | 5 | 5 | 19 | 5 | 3 | 8 |
| | | | Plague | ... | ... | ... | ... | ... | ... | ... | ... |
| | | | Fevers | 1,911 | 1,746 | 1,224 | 1,100 | 518 | 468 | 223 | 180 |
| | | | Dysentery and Diarrhœa ... | 20 | 12 | 30 | 10 | 10 | 7 | 7 | 8 |
| | | | Respiratory diseases ... | 40 | 20 | 50 | 30 | 20 | 10 | 15 | 10 |
| | | | Injuries | ... | ... | ... | ... | 7 | 8 | 11 | 9 |
| | | | All other causes | 125 | 112 | 115 | 212 | 16 | 20 | 24 | 15 |
| | | | Total ... | 2,100 | 1,894 | 1,436 | 1,365 | 596 | 535 | 303 | 251 |
| Total for the Province— | | | | | | | | | | | |
| | | | Cholera | 86 | 76 | 550 | 403 | 532 | 450 | 534 | 372 |
| | | | Small-pox | 3,477 | 3,022 | 6,245 | 5,503 | 2,609 | 2,608 | 871 | 730 |
| | | | Plague | 514 | 518 | 1,047 | 841 | 1,221 | 1,318 | 1,539 | 1,719 |
| | | | Fevers | 66,803 | 65,944 | 87,984 | 92,525 | 24,793 | 25,198 | 13,721 | 14,493 |
| | | | Dysentery and Diarrhœa ... | 1,914 | 1,543 | 2,180 | 1,869 | 762 | 589 | 548 | 443 |
| | | | Respiratory diseases ... | 11,229 | 10,174 | 4,438 | 4,174 | 1,253 | 1,047 | 887 | 772 |
| | | | Injuries | 139 | 84 | 553 | 473 | 491 | 292 | 334 | 226 |
| | | | All other causes | 50,029 | 47,584 | 14,374 | 12,982 | 2,766 | 2,226 | 1,818 | 1,535 |
| | | | Total ... | 134,191 | 128,945 | 117,371 | 118,770 | 34,427 | 33,728 | 20,312 | 20,290 |
| Population according to Census of 1901 | | | | 340,768 | 315,547 | 1,054,220 | 973,624 | 1,495,539 | 1,284,191 | 1,351,018 | 1,016,920 |
| Ratio per 1,000 living for the Province— | | | | | | | | | | | |
| | | | Cholera | 0.25 | 0.24 | 0.52 | 0.41 | 0.36 | 0.35 | 0.40 | 0.37 |
| | | | Small-pox | 10.20 | 9.58 | 5.92 | 5.65 | 1.75 | 2.03 | 0.64 | 0.72 |
| | | | Plague | 1.51 | 1.64 | 0.99 | 0.86 | 0.82 | 1.03 | 1.14 | 1.69 |
| | | | Fevers | 196.04 | 208.98 | 83.46 | 95.03 | 16.58 | 19.62 | 10.16 | 14.25 |
| | | | Dysentery and Diarrhœa ... | 5.62 | 4.89 | 2.07 | 1.92 | 0.51 | 0.46 | 0.41 | 0.44 |
| | | | Respiratory diseases ... | 32.95 | 32.24 | 4.21 | 4.29 | 0.84 | 0.82 | 0.66 | 0.76 |
| | | | Injuries | 0.41 | 0.27 | 0.52 | 0.49 | 0.33 | 0.23 | 0.29 | 0.22 |
| | | | All other causes | 146.81 | 150.80 | 13.63 | 13.33 | 1.85 | 1.73 | 1.35 | 1.51 |
| | | | Total ... | 393.79 | 408.64 | 111.33 | 121.99 | 23.02 | 26.26 | 15.03 | 19.95 |

NOTE.—The population of military cantonments by different ages cannot be

No. IV—concluded.

DISEASES IN THE DISTRICTS OF THE PUNJAB DURING THE YEAR 1908.

| 9 | | 10 | | 11 | | 12 | | 13 | | 14 | | 15 | | 16 |
|------------------------------|----------|------------------------------|-----------|------------------------------|-----------|------------------------------|----------|------------------------------|----------|-----------------------|----------|------------|-----------|---------|
| 15 YEARS AND UNDER 20 YEARS. | | 20 YEARS AND UNDER 30 YEARS. | | 30 YEARS AND UNDER 40 YEARS. | | 40 YEARS AND UNDER 50 YEARS. | | 50 YEARS AND UNDER 60 YEARS. | | 60 YEARS AND UPWARDS. | | TOTAL. | | |
| Males. | Females. | Males. | Females. | Males. | Females. | Males. | Females. | Males. | Females. | Males. | Females. | Males. | Females. | Number. |
| 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 |
| 22 | 20 | 24 | 21 | 24 | 26 | 24 | 18 | 19 | 16 | 19 | 10 | 182 | 158 | 29 |
| ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 19 | 21 | |
| ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| 83 | 91 | 187 | 348 | 276 | 480 | 431 | 382 | 476 | 311 | 1,165 | 976 | 6,494 | 6,082 | |
| 10 | 10 | 20 | 20 | 4 | 4 | 1 | 2 | 2 | 1 | 5 | 2 | 109 | 76 | |
| 15 | 10 | 50 | 40 | 10 | 13 | 20 | 10 | 13 | 15 | 20 | 15 | 253 | 173 | |
| 13 | 3 | 62 | 35 | 22 | 4 | 12 | 1 | 8 | 1 | 5 | ... | 140 | 61 | |
| 20 | 23 | 113 | 122 | 137 | 48 | 8 | 15 | 6 | 8 | 5 | 7 | 569 | 582 | |
| 163 | 157 | 456 | 586 | 473 | 575 | 496 | 428 | 524 | 352 | 1,219 | 1,010 | 7,766 | 7,153 | |
| 538 | 459 | 1,125 | 896 | 1,157 | 951 | 991 | 796 | 667 | 458 | 712 | 544 | 6,892 | 5,405 | |
| 476 | 479 | 617 | 587 | 403 | 346 | 196 | 169 | 109 | 75 | 71 | 59 | 15,074 | 13,578 | |
| 1,611 | 1,557 | 2,373 | 2,708 | 2,329 | 2,529 | 1,833 | 1,847 | 1,271 | 1,331 | 1,276 | 1,326 | 15,014 | 15,694 | |
| 10,389 | 10,502 | 19,898 | 23,570 | 19,234 | 22,349 | 21,717 | 20,369 | 22,879 | 19,382 | 60,410 | 54,907 | 347,828 | 349,230 | |
| 526 | 447 | 894 | 743 | 991 | 762 | 1,068 | 746 | 1,100 | 775 | 1,868 | 1,335 | 11,851 | 9,252 | |
| 1,089 | 964 | 2,170 | 2,196 | 2,343 | 2,124 | 2,601 | 2,029 | 2,569 | 2,121 | 5,819 | 4,745 | 34,398 | 30,346 | |
| 342 | 197 | 708 | 421 | 646 | 301 | 473 | 273 | 321 | 138 | 342 | 213 | 4,409 | 2,618 | |
| 1,376 | 1,499 | 2,267 | 2,561 | 2,210 | 2,265 | 2,153 | 1,799 | 1,752 | 1,452 | 3,008 | 2,880 | 81,753 | 76,783 | |
| 16,347 | 16,104 | 30,052 | 33,682 | 29,313 | 31,627 | 31,032 | 28,019 | 30,668 | 25,732 | 73,506 | 66,009 | 517,219 | 502,906 | |
| 991,572 | 787,841 | 1,772,499 | 1,613,772 | 1,491,468 | 1,309,777 | 1,070,272 | 940,700 | 699,319 | 578,374 | 662,571 | 556,253 | 10,798,255 | 9,310,435 | |
| 0.54 | 0.58 | 0.63 | 0.56 | 0.78 | 0.73 | 0.93 | 0.85 | 0.95 | 0.79 | 1.07 | 0.98 | 0.64 | 0.58 | |
| 0.48 | 0.61 | 0.35 | 0.36 | 0.27 | 0.26 | 0.18 | 0.18 | 0.16 | 0.13 | 0.11 | 0.11 | 1.40 | 1.46 | |
| 1.62 | 1.98 | 1.34 | 1.68 | 1.56 | 1.93 | 1.71 | 1.96 | 1.82 | 2.30 | 1.93 | 2.38 | 1.39 | 1.69 | |
| 10.48 | 13.33 | 11.23 | 14.60 | 12.90 | 17.06 | 20.29 | 21.64 | 32.72 | 33.51 | 91.18 | 98.71 | 32.21 | 37.51 | |
| 0.52 | 0.57 | 0.50 | 0.46 | 0.66 | 0.58 | 1.00 | 0.79 | 1.57 | 1.34 | 2.82 | 2.40 | 1.10 | 0.99 | |
| 1.10 | 1.22 | 1.22 | 1.36 | 1.57 | 1.62 | 2.43 | 2.16 | 3.67 | 3.67 | 8.78 | 8.53 | 3.19 | 3.26 | |
| 0.34 | 0.25 | 0.40 | 0.26 | 0.43 | 0.23 | 0.44 | 0.29 | 0.46 | 0.24 | 0.52 | 0.38 | 0.41 | 0.28 | |
| 1.39 | 1.90 | 1.28 | 1.59 | 1.48 | 1.73 | 2.01 | 1.91 | 2.51 | 2.51 | 4.54 | 5.18 | 7.57 | 8.25 | |
| 16.49 | 20.44 | 16.95 | 20.87 | 19.65 | 24.15 | 28.99 | 29.79 | 43.85 | 44.49 | 110.84 | 118.67 | 47.90 | 54.02 | |

excluded as it is not shown separately in the census returns.

ANNUAL FORM No. V.

DEATHS REGISTERED ACCORDING TO CLASSES IN THE DISTRICTS OF THE PUNJAB DURING THE YEAR 1908.

| 1 | 2 | 3 | | | | | 4 | | | | | 5 | | | | | 6 |
|-------------------------|----------------------|---|-----------|--------------------|----------------|------------|------------------------------|---------|--------------------|----------------|-----------|--|---------|--------------------|----------------|--------|---------|
| Number. | DISTRICTS. | POPULATION ACCORDING TO CENSUS OF 1901. | | | | | NUMBER OF DEATHS REGISTERED. | | | | | RATIO OF DEATHS PER 1,000 OF POPULATION. | | | | | Number. |
| | | Muhammadans. | Hindus. | Native Christians. | Other classes. | Total. | Muhammadans. | Hindus. | Native Christians. | Other classes. | Total. | Muhammadans. | Hindus. | Native Christians. | Other classes. | Total. | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8. | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |
| | DELHI DIVISION. | | | | | | | | | | | | | | | | |
| 1 | Hissar ... | 202,009 | 579,444 | 53 | 211 | 781,717 | 12,265 | 33,383 | 2 | ... | 45,650 | 60·72 | 57·61 | 37·74 | ... | 58·40 | 1 |
| 2 | Rohtak ... | 91,687 | 538,904 | 41 | 40 | 630,672 | 4,524 | 33,164 | 2 | ... | 37,690 | 49·34 | 61·54 | 48·78 | ... | 59·76 | 2 |
| 3 | Gurgaon ... | 242,543 | 503,381 | 221 | 58 | 746,208 | 21,418 | 41,309 | 8 | ... | 62,735 | 88·30 | 82·06 | 36·20 | ... | 84·07 | 3 |
| 4 | Delhi ... | 166,655 | 517,633 | 2,042 | 668 | 686,998 | 11,060 | 38,664 | 56 | ... | 49,780 | 66·36 | 74·67 | 27·42 | ... | 72·46 | 4 |
| 5 | Karnal ... | 241,412 | 640,630 | 225 | 958 | 883,225 | 14,738 | 39,317 | 16 | 19 | 54,090 | 61·05 | 61·37 | 71·11 | 19·83 | 61·24 | 5 |
| 6 | Ambala ... | 224,679 | 537,612 | 959 | ... | 763,250 | 10,119 | 23,958 | 12 | ... | 34,089 | 45·04 | 44·56 | 12·51 | ... | 44·66 | 6 |
| 7 | Simla ... | 5,560 | 27,770 | 368 | 1,881 | 35,579 | 177 | 709 | 5 | 3 | 894 | 31·83 | 25·53 | 13·59 | 1·59 | 25·13 | 7 |
| | JULLUNDUR DIVISION. | | | | | | | | | | | | | | | | |
| 8 | Kangra ... | 39,534 | 720,389 | 203 | 4,315 | 764,441 | 1,269 | 28,467 | 3 | ... | 29,739 | 32·10 | 39·52 | 14·78 | ... | 38·90 | 8 |
| 9 | Hoshiarpur ... | 312,958 | 676,009 | 785 | 30 | 989,782 | 13,014 | 29,514 | 9 | ... | 42,537 | 41·58 | 43·66 | 11·46 | ... | 42·98 | 9 |
| 10 | Jullundur ... | 416,691 | 487,234 | 276 | 106 | 904,307 | 17,163 | 17,886 | ... | ... | 35,049 | 41·19 | 36·71 | ... | ... | 38·76 | 10 |
| 11 | Ludhiana ... | 235,937 | 436,212 | 415 | 533 | 673,097 | 10,177 | 22,249 | 6 | 154 | 32,586 | 43·13 | 51·01 | 14·46 | 288·93 | 48·41 | 11 |
| 12 | Ferozepore ... | 436,995 | 494,966 | 240 | 5 | 932,206 | 22,366 | 26,259 | 4 | ... | 48,629 | 51·18 | 53·05 | 16·67 | ... | 52·17 | 12 |
| | LAHORE DIVISION. | | | | | | | | | | | | | | | | |
| 13 | Montgomery | 348,806 | 138,772 | 313 | 61 | 487,952 | 19,671 | 5,576 | ... | 2 | 25,249 | 56·40 | 40·19 | ... | 32·79 | 51·74 | 13 |
| 14 | Lahore ... | 711,171 | 428,753 | 2,990 | 3,115 | 1,146,029 | 48,491 | 17,964 | 121 | 27 | 66,603 | 68·18 | 41·90 | 40·46 | 8·67 | 58·12 | 14 |
| 15 | Amritsar ... | 474,457 | 546,208 | 1,492 | 281 | 1,022,438 | 32,781 | 32,434 | 38 | 2 | 65,255 | 69·09 | 59·38 | 25·47 | 7·12 | 63·82 | 15 |
| 16 | Gurdaspur ... | 462,996 | 469,346 | 4,198 | 244 | 936,784 | 18,759 | 18,343 | 405 | 1 | 37,508 | 40·52 | 39·08 | 96·47 | 4·10 | 40·04 | 16 |
| 17 | Sialkot ... | 710,778 | 349,867 | 10,662 | 20 | 1,071,327 | 36,908 | 15,250 | 615 | 280 | 53,053 | 51·92 | 43·59 | 57·68 | ? | 49·52 | 17 |
| 18 | Gujranwala ... | 603,464 | 281,439 | 5,592 | 82 | 890,577 | 28,545 | 7,495 | 227 | 207 | 36,474 | 47·30 | 26·63 | 40·59 | ? | 40·96 | 18 |
| | RAWALPINDI DIVISION. | | | | | | | | | | | | | | | | |
| 19 | Gujrát ... | 655,838 | 94,250 | 241 | 219 | 750,548 | 33,963 | 3,680 | 2 | 28 | 37,673 | 51·79 | 39·00 | 8·30 | 127·85 | 50·19 | 19 |
| 20 | Shahpur ... | 442,921 | 81,247 | 21 | 70 | 524,259 | 23,956 | 3,864 | 77 | 25 | 27,922 | 54·09 | 47·56 | ? | 357·14 | 53·26 | 20 |
| 21 | Jhelum ... | 442,519 | 55,445 | 110 | 102 | 498,176 | 22,931 | 2,243 | 1 | ... | 25,175 | 51·82 | 40·45 | 9·09 | ... | 50·53 | 21 |
| 22 | Rawalpindi ... | 451,850 | 65,136 | 225 | 550 | 517,761 | 21,708 | 2,366 | 6 | 194 | 24,274 | 48·04 | 36·32 | 26·67 | 352·73 | 46·88 | 22 |
| 23 | Attock ... | 418,142 | 42,465 | 290 | ... | 460,897 | 17,656 | 1,395 | ... | 1 | 19,052 | 42·22 | 32·85 | ... | ? | 41·34 | 23 |
| | MULTAN DIVISION. | | | | | | | | | | | | | | | | |
| 24 | Mianwali ... | 371,674 | 52,870 | 16 | 28 | 424,588 | 14,733 | 2,360 | ... | 7 | 17,100 | 39·64 | 44·64 | ... | 250·00 | 40·27 | 24 |
| 25 | Jhang ... | 390,064 | 100,083 | 119 | ... | 490,266 | 18,630 | 3,906 | ... | 88 | 22,624 | 47·76 | 39·03 | ... | ? | 46·15 | 25 |
| 26 | Lyallpur ... | 304,186 | 212,583 | 5,302 | 73 | 522,144 | 18,345 | 9,139 | 572 | 69 | 28,125 | 60·31 | 42·99 | 107·88 | 945·21 | 53·86 | 26 |
| 27 | Multan ... | 565,557 | 131,852 | 198 | 252 | 697,859 | 25,026 | 5,614 | 2 | 12 | 30,654 | 44·25 | 42·58 | 10·10 | 47·62 | 43·93 | 27 |
| 28 | Muzaffargarh | 350,177 | 55,446 | 17 | 16 | 405,656 | 13,204 | 1,793 | ... | ... | 14,997 | 37·71 | 32·34 | ... | ... | 36·97 | 28 |
| 29 | D. G. Khan ... | 411,315 | 58,530 | 81 | 21 | 469,947 | 12,851 | 2,018 | ... | 50 | 14,919 | 31·24 | 34·48 | ... | ? | 31·75 | 29 |
| Total for the Province. | | 10,732,580 | 9,324,476 | 37,695 | 13,939 | 20,108,690 | 546,448 | 470,319 | 2,189 | 1,169 | 1,020,125 | 50·91 | 50·44 | 58·07 | *83·87 | 50·73 | |

* Figures incorrect due to misclassification.

ANNUAL FORM No. VI.

DEATHS REGISTERED FROM DIFFERENT CAUSES IN THE DISTRICTS (RURAL CIRCLES)
OF THE PUNJAB DURING THE YEAR 1908.

DEATHS REGISTERED FROM DIFFERENT CAUSES IN THE DISTRICTS

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
|--------------------------------|------------------------|---|----------|------------|---------|---------|--------------------------|-----------------------|----------|----------|-----------------------|
| Number, | A.—RURAL CIRCLES. | Population according to Census of 1901. | Cholera. | Small-pox. | Plague. | Fevers. | Dysentery and diarrhoea. | Respiratory diseases. | INJURY | | |
| | | | | | | | | | Suicide. | | Wounds and accidents. |
| | | | | | | | | | Males. | Females. | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| DELHI DIVISION. | | | | | | | | | | | |
| 1 | Hissar | 693,044 | 212 | 1,034 | 530 | 31,986 | 448 | 855 | 2 | 12 | 143 |
| 2 | Rohtak | 576,415 | 411 | 369 | 1,621 | 25,579 | 592 | 1,080 | 1 | 2 | 16 |
| 3 | Gurgaon | 678,503 | 965 | 742 | 4,522 | 34,890 | 1,990 | 1,356 | 13 | 49 | 274 |
| 4 | Delhi | 457,658 | 168 | 82 | 1,968 | 26,411 | 186 | 6,244 | 4 | 17 | 36 |
| 5 | Karnal | 799,607 | 177 | 992 | 2,402 | 31,414 | 559 | 2,205 | 4 | 5 | 201 |
| 6 | Ambala | 698,479 | 54 | 1,057 | 518 | 18,486 | 1,100 | 4,409 | 2 | 6 | 116 |
| 7 | Simla | 21,449 | ... | 8 | ... | 153 | 68 | 92 | ... | ... | 4 |
| JULLUNDUR DIVISION. | | | | | | | | | | | |
| 8 | Kangra | 751,945 | 188 | 75 | ... | 18,674 | 1,164 | 1,915 | 6 | 7 | 231 |
| 9 | Hoshiarpur | 923,773 | 164 | 1,474 | 1,190 | 28,444 | 88 | 3,237 | 6 | 12 | 213 |
| 10 | Jullundur | 789,950 | 64 | 837 | 58 | 20,269 | 429 | 4,013 | 9 | 12 | 193 |
| 11 | Ludhiana | 586,569 | 285 | 593 | 4,674 | 15,764 | 149 | 3,182 | 6 | 4 | 70 |
| 12 | Ferozepore | 883,105 | 722 | 2,254 | 3,099 | 26,823 | 699 | 1,443 | 9 | 6 | 260 |
| LAHORE DIVISION. | | | | | | | | | | | |
| 13 | Montgomery | 468,182 | 31 | 985 | 793 | 17,810 | 184 | 204 | 2 | ... | 168 |
| 14 | Lahore | 906,019 | 885 | 2,948 | 3,413 | 34,544 | 447 | 950 | 4 | 6 | 263 |
| 15 | Amritsar | 842,818 | 205 | 1,368 | 1,049 | 33,420 | 753 | 1,392 | 9 | 5 | 185 |
| 16 | Gurdaspur | 871,990 | 41 | 1,100 | 309 | 21,983 | 1,104 | 9,236 | 3 | 1 | 214 |
| 17 | Sialkot | 994,914 | 33 | 2,486 | 178 | 34,674 | 1,216 | 4,833 | 2 | 2 | 240 |
| 18 | Gujranwala | 802,306 | 124 | 234 | 602 | 26,958 | 136 | 480 | 9 | 3 | 251 |
| RAWALPINDI DIVISION. | | | | | | | | | | | |
| 19 | Gujrat | 709,017 | 147 | 875 | 34 | 28,317 | 508 | 1,765 | 2 | ... | 190 |
| 20 | Shahpur | 471,938 | 200 | 417 | 159 | 18,577 | 165 | 291 | ... | ... | 224 |
| 21 | Jhelum | 472,703 | 974 | 246 | 175 | 17,151 | 293 | 770 | 3 | 1 | 176 |
| 22 | Rawalpindi | 469,167 | 924 | 214 | 310 | 15,819 | 1,258 | 507 | 2 | ... | 201 |
| 23 | Attock | 442,646 | 396 | 335 | 66 | 14,305 | 95 | 311 | ... | 1 | 157 |
| MULTAN DIVISION. | | | | | | | | | | | |
| 24 | Mianwali | 391,442 | 570 | 120 | 30 | 11,959 | 205 | 228 | ... | ... | 149 |
| 25 | Jhang | 451,383 | 154 | 362 | 404 | 14,693 | 657 | 683 | 1 | ... | 1 |
| 26 | Lyallpur | 512,973 | 586 | 2,622 | 1,242 | 16,708 | 463 | 689 | 3 | 3 | 299 |
| 27 | Multan | 604,125 | 124 | 337 | ... | 21,197 | 125 | 87 | 2 | 1 | 215 |
| 28 | Muzaffargarh | 393,253 | 58 | 334 | ... | 12,999 | 81 | 37 | 1 | ... | 137 |
| 29 | Dera Ghazi Khan | 428,705 | 238 | 18 | ... | 11,515 | 98 | 293 | 2 | 5 | 123 |
| Total of the Rural Circles ... | | 18,094,078 | 9,100 | 24,518 | 29,346 | 631,522 | 15,260 | 52,787 | 107 | 160 | 4,950 |

No. VI.

(RURAL CIRCLES) OF THE PUNJAB DURING THE YEAR 1908.

| | | 11 | 12 | 13 | | | | | | | | 14 | 15 | | |
|---------------------------------------|--------|--|-------------------------------|----------|------------|---------|---------|--------------------------|-----------------------|-----------|-------------------|---------------|------------------------------------|------------------|--|
| RIES. | | RATIO OF DEATHS PER 1,000 OF POPULATION. | | | | | | | | | | | | FROM ALL CAUSES. | |
| Snake-bite and killed by wild beasts. | Total. | All other causes. | Total deaths from all causes. | Cholera. | Small-pox. | Plague. | Fevers. | Dysentery and Diarrhoea. | Respiratory diseases. | Injuries. | All other causes. | For the year. | Mean ratio of previous five years. | Number. | |
| 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | |
| 37 | 194 | 5,820 | 41,079 | 0·31 | 1·49 | 0·76 | 46·15 | 0·65 | 1·23 | 0·28 | 8·40 | 59·27 | 36·86 | 1 | |
| 12 | 31 | 4,978 | 34,661 | 0·71 | 0·64 | 2·81 | 44·38 | 1·03 | 1·87 | 0·05 | 8·64 | 60·13 | 54·77 | 2 | |
| 21 | 357 | 12,407 | 57,229 | 1·42 | 1·09 | 6·66 | 51·42 | 2·93 | 2·00 | 0·53 | 18·29 | 84·35 | 49·61 | 3 | |
| 22 | 79 | 296 | 35,434 | 0·37 | 0·18 | 4·30 | 57·71 | 0·41 | 13·64 | 0·17 | 0·65 | 77·42 | 44·00 | 4 | |
| 38 | 248 | 10,418 | 48,415 | 0·22 | 1·24 | 3·00 | 39·29 | 0·70 | 2·76 | 0·31 | 13·03 | 60·55 | 47·09 | 5 | |
| 12 | 136 | 5,624 | 31,384 | 0·08 | 1·51 | 0·74 | 26·47 | 1·57 | 6·31 | 0·19 | 8·05 | 44·93 | 58·57 | 6 | |
| 1 | 5 | 86 | 412 | ... | 0·37 | ... | 7·13 | 3·17 | 4·29 | 0·23 | 4·01 | 19·21 | 18·38 | 7 | |
| 25 | 269 | 7,110 | 29,395 | 0·25 | 0·10 | ... | 24·83 | 1·55 | 2·55 | 0·36 | 9·46 | 39·09 | 36·00 | 8 | |
| 33 | 264 | 4,928 | 39,789 | 0·18 | 1·60 | 1·29 | 30·79 | 0·10 | 3·50 | 0·29 | 5·32 | 43·07 | 47·98 | 9 | |
| 7 | 221 | 5,131 | 31,022 | 0·08 | 1·06 | 0·07 | 25·66 | 0·54 | 5·08 | 0·28 | 6·50 | 39·27 | 58·71 | 10 | |
| 2 | 82 | 4,674 | 29,403 | 0·49 | 1·01 | 7·97 | 26·87 | 0·25 | 5·42 | 0·14 | 7·97 | 50·13 | 60·17 | 11 | |
| 19 | 294 | 10,684 | 46,018 | 0·82 | 2·55 | 3·51 | 30·37 | 0·79 | 1·63 | 0·32 | 12·10 | 52·11 | 50·51 | 12 | |
| 66 | 236 | 3,785 | 24,028 | 0·07 | 2·10 | 1·69 | 38·04 | 0·39 | 0·44 | 0·50 | 8·08 | 51·32 | 26·56 | 13 | |
| 80 | 353 | 9,286 | 52,826 | 0·98 | 3·25 | 3·77 | 38·13 | 0·49 | 1·05 | 0·39 | 10·25 | 58·31 | 57·67 | 14 | |
| 31 | 230 | 10,488 | 48,905 | 0·24 | 1·62 | 1·25 | 39·65 | 0·89 | 1·65 | 0·27 | 12·44 | 58·03 | 61·05 | 15 | |
| 30 | 248 | 639 | 34,660 | 0·05 | 1·26 | 0·35 | 25·21 | 1·27 | 10·59 | 0·28 | 0·73 | 39·75 | 60·11 | 16 | |
| 46 | 290 | 5,566 | 49,276 | 0·03 | 2·50 | 0·18 | 34·85 | 1·22 | 4·86 | 0·29 | 5·59 | 49·53 | 63·31 | 17 | |
| 96 | 359 | 4,006 | 32,899 | 0·15 | 0·29 | 0·75 | 33·60 | 0·17 | 0·60 | 0·45 | 4·99 | 41·01 | 67·35 | 18 | |
| 28 | 220 | 3,595 | 35,461 | 0·21 | 1·23 | 0·05 | 39·94 | 0·72 | 2·49 | 0·31 | 5·07 | 50·01 | 56·05 | 19 | |
| 49 | 273 | 4,028 | 24,110 | 0·42 | 0·88 | 0·34 | 39·36 | 0·35 | 0·62 | 0·58 | 8·54 | 51·09 | 60·27 | 20 | |
| 46 | 226 | 3,895 | 23,730 | 2·06 | 0·32 | 0·37 | 36·28 | 0·62 | 1·63 | 0·48 | 8·24 | 50·20 | 46·36 | 21 | |
| 25 | 228 | 2,917 | 22,177 | 1·97 | 0·46 | 0·66 | 33·72 | 2·68 | 1·08 | 0·49 | 6·22 | 47·27 | 45·18 | 22 | |
| 16 | 174 | 2,606 | 18,288 | 0·89 | 0·76 | 0·15 | 32·32 | 0·21 | 0·70 | 0·39 | 5·89 | 41·32 | 36·78 | 23 | |
| 33 | 182 | 2,120 | 15,414 | 1·46 | 0·31 | 0·08 | 30·55 | 0·52 | 0·58 | 0·46 | 5·42 | 39·38 | 32·25 | 24 | |
| 33 | 35 | 3,602 | 20,590 | 0·34 | 0·80 | 0·90 | 32·55 | 1·46 | 1·51 | 0·08 | 7·98 | 45·62 | 27·21 | 25 | |
| 26 | 331 | 5,191 | 27,832 | 1·14 | 5·11 | 2·42 | 32·57 | 0·90 | 1·34 | 0·65 | 10·12 | 54·26 | 37·10 | 26 | |
| 87 | 305 | 4,045 | 26,220 | 0·21 | 0·56 | ... | 35·09 | 0·21 | 0·14 | 0·50 | 6·70 | 43·40 | 28·19 | 27 | |
| 59 | 197 | 735 | 14,441 | 0·15 | 0·85 | ... | 33·06 | 0·21 | 0·09 | 0·50 | 1·87 | 36·72 | 29·26 | 28 | |
| 45 | 175 | 717 | 13,054 | 0·56 | 0·04 | ... | 26·86 | 0·23 | 0·68 | 0·41 | 1·67 | 30·45 | 25·41 | 29 | |
| 1,025 | 6,242 | 139,377 | 908,152 | 0·50 | 1·36 | 1·62 | 34·90 | 0·84 | 2·92 | 0·34 | 7·70 | 50·19 | 48·86 | | |

ANNUAL FORM

DEATHS REGISTERED FROM DIFFERENT CAUSES IN THE

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | | | |
|----------------------|---------------------|---|----------|------------|---------|--------|--------------------------|-----------------------|-----------|----------|-----------------------|---------------------------------------|--------|
| Number. | B.—TOWNS. | Population according to Census of 1901. | Cholera. | Small-pox. | Plague. | Fever. | Dysentery and Diarrhoea. | Respiratory diseases. | INJURIES. | | | | |
| | | | | | | | | | Suicide. | | Wounds and accidents. | Snake-bite and killed by wild beasts. | Total. |
| | | | | | | | | | Males. | Females. | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 |
| HISSAR DISTRICT. | | | | | | | | | | | | | |
| 1 | Hissar | 17,647 | ... | 56 | 1 | 371 | 30 | 74 | ... | ... | 1 | 1 | 2 |
| 2 | Hansi | 16,523 | ... | 83 | ... | 472 | 71 | 96 | 1 | ... | 1 | 2 | 4 |
| 3 | Bhiwani | 35,917 | ... | 18 | ... | 863 | 156 | 111 | ... | ... | 8 | 1 | 9 |
| 4 | Sirsa | 15,800 | 38 | 3 | 1 | 696 | 32 | 69 | ... | ... | 4 | 1 | 5 |
| 5 | Fattehabad | 2,786 | ... | 2 | ... | 106 | 5 | 10 | ... | ... | 2 | 1 | 3 |
| ROHTAK DISTRICT. | | | | | | | | | | | | | |
| 6 | Rohtak | 19,766 | ... | 26 | 1 | 386 | 88 | 103 | ... | ... | 2 | ... | 2 |
| 7 | Jhajjar | 12,227 | ... | 67 | ... | 309 | 62 | 54 | ... | ... | 1 | ... | 1 |
| 8 | Beri | 9,723 | 43 | 2 | ... | 476 | 72 | 133 | ... | ... | 1 | ... | 1 |
| 9 | Gohana | 6,567 | ... | 9 | ... | 179 | 34 | 23 | ... | ... | ... | ... | ... |
| 10 | Bahadurgarh | 5,974 | ... | 63 | ... | 339 | 41 | 27 | ... | ... | ... | ... | ... |
| GURGAON DISTRICT. | | | | | | | | | | | | | |
| 11 | Rewari | 27,295 | 231 | 43 | 366 | 244 | 146 | 165 | ... | ... | 4 | 1 | 5 |
| 12 | Palwal | 12,830 | 13 | 2 | 149 | 1,007 | 81 | 73 | ... | ... | 3 | 1 | 4 |
| 13 | Farrukhnagar | 6,136 | 14 | 26 | 3 | 221 | 24 | 28 | ... | ... | ... | 1 | 1 |
| 14 | Firozpur | 7,278 | 21 | 1 | ... | 460 | 40 | 7 | 2 | ... | 1 | 1 | 4 |
| 15 | Sohna | 6,024 | 7 | 34 | ... | 255 | 19 | 13 | ... | ... | 4 | ... | 4 |
| 16 | Hodal | 8,142 | ... | 11 | ... | 744 | 19 | 7 | ... | ... | ... | ... | ... |
| DELHI DISTRICT. | | | | | | | | | | | | | |
| 17 | Delhi | 206,534 | 9 | 76 | ... | 8,323 | 470 | 2,490 | 2 | ... | 35 | 3 | 40 |
| 18 | Sonepat | 12,990 | ... | 54 | 5 | 886 | 12 | 118 | ... | ... | 1 | ... | 1 |
| 19 | Balabgarh | 4,506 | ... | 3 | 121 | 255 | 4 | 11 | ... | ... | ... | ... | ... |
| 20 | Faridabad | 5,310 | ... | 15 | ... | 366 | 23 | 18 | ... | ... | ... | 1 | 1 |
| KARNAL DISTRICT. | | | | | | | | | | | | | |
| 21 | Karnal | 22,703 | 161 | 26 | 1 | 777 | 121 | 181 | 2 | ... | 7 | 1 | 10 |
| 22 | Kaithal | 14,408 | 5 | 46 | ... | 466 | 40 | 109 | ... | ... | 4 | 2 | 6 |
| 23 | Panipat | 26,914 | 84 | 10 | 41 | 711 | 115 | 224 | ... | ... | 6 | 2 | 8 |
| 24 | Ladwa | 3,518 | ... | 26 | 3 | 56 | 13 | 36 | ... | ... | 2 | 1 | 3 |
| 25 | Shahabad | 11,009 | 88 | 128 | 123 | 223 | 77 | 90 | ... | ... | ... | ... | ... |
| 26 | Thanesar | 5,066 | 5 | 30 | 61 | 83 | 31 | 50 | ... | ... | 4 | 1 | 5 |
| AMBALA DISTRICT. | | | | | | | | | | | | | |
| 27 | Ambala | 26,744 | 4 | 60 | 9 | 385 | 122 | 143 | ... | ... | 6 | 2 | 8 |
| 28 | Jagadhri | 13,462 | 43 | 97 | ... | 248 | 49 | 68 | ... | ... | 8 | ... | 8 |
| 29 | Burya | 5,865 | ... | 14 | 3 | 98 | 12 | 27 | ... | ... | ... | 1 | 1 |
| 30 | Sadhaura | 9,812 | ... | ... | ... | 175 | 42 | 67 | ... | ... | 1 | ... | 1 |
| 31 | Rupar | 8,888 | 74 | 7 | 10 | 147 | 48 | 48 | 1 | ... | ... | ... | 1 |
| SIMLA DISTRICT. | | | | | | | | | | | | | |
| 32 | Simla | 14,130 | 1 | 24 | ... | 269 | 11 | 24 | ... | ... | 4 | ... | 4 |
| KANGRA DISTRICT. | | | | | | | | | | | | | |
| 33 | Kangra | 4,746 | ... | 13 | ... | 29 | 15 | 13 | ... | ... | 1 | ... | 1 |
| 34 | Dharmsala | 3,288 | ... | 1 | ... | 4 | 2 | 4 | ... | ... | ... | ... | ... |
| 35 | Nurpur | 4,462 | ... | 10 | ... | 87 | 16 | 14 | ... | ... | 1 | 1 | 2 |
| HOSHIARPUR DISTRICT. | | | | | | | | | | | | | |
| 36 | Hoshiarpur | 17,037 | 40 | 37 | ... | 347 | 30 | 136 | 2 | 1 | 7 | 1 | 11 |
| 37 | Khanpur | 3,183 | 2 | ... | ... | 68 | 11 | 16 | ... | ... | 1 | ... | 1 |
| 38 | Hariana | 6,005 | ... | 25 | ... | 98 | 5 | 22 | ... | ... | 1 | 1 | 2 |
| 39 | Garhdiwala | 3,652 | ... | 17 | 3 | 69 | 4 | 17 | ... | ... | 2 | ... | 2 |
| 40 | Dasuyah | 6,404 | ... | 15 | ... | 184 | 3 | 16 | ... | ... | 1 | ... | 1 |
| 41 | Tanda Urmar | 10,247 | ... | 6 | 1 | 338 | 3 | 15 | ... | ... | 2 | ... | 2 |
| 42 | Miani | 6,118 | ... | ... | 84 | 114 | 3 | 13 | ... | ... | ... | ... | ... |
| 43 | Mukerian | 3,589 | 1 | 20 | 26 | 117 | 5 | 11 | ... | ... | ... | ... | ... |
| 44 | Una | 4,746 | 2 | 17 | ... | 151 | 3 | 14 | ... | ... | 1 | ... | 1 |
| 45 | Anandpur | 5,028 | 1 | 1 | ... | 97 | 6 | 15 | ... | ... | ... | ... | ... |

No. VI.

TOWNS OF THE PUNJAB DURING THE YEAR 1908.

| 11 | 12 | 13 | | | | | | | | | | 14 |
|-------------------|-------------------------------|--|------------|---------|---------|-------------------------------|-----------------------|-----------|-------------------|------------------|--|---------|
| All other causes. | Total deaths from all causes. | RATIO OF DEATHS PER 1,000 OF POPULATION. | | | | | | | | | | Number. |
| | | Cholera. | Small-pox. | Plague. | Fevers. | Dysentery and diar- rhoea. | Respiratory diseases. | Injuries. | All other causes. | From all causes. | | |
| | | | | | | | | | | For the year. | Mean ratio of previous five years. | |
| 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 |
| 179 | 713 | ... | 3.17 | 0.06 | 21.02 | 1.70 | 4.19 | 0.11 | 10.14 | 40.40 | 52.93 | 1 |
| 302 | 1,028 | ... | 5.02 | ... | 28.57 | 4.30 | 5.82 | 0.24 | 18.28 | 62.22 | 62.36 | 2 |
| 546 | 1,703 | ... | 0.50 | ... | 24.03 | 4.34 | 3.09 | 0.25 | 15.20 | 47.41 | 71.38 | 3 |
| 141 | 985 | 2.41 | 0.19 | 0.06 | 44.05 | 2.03 | 4.37 | 0.32 | 8.92 | 62.34 | 53.94 | 4 |
| 16 | 142 | ... | 0.72 | ... | 38.05 | 1.79 | 3.59 | 1.08 | 5.74 | 50.97 | 35.53 | 5 |
| 193 | 799 | ... | 1.32 | 0.05 | 19.53 | 4.45 | 5.21 | 0.10 | 9.76 | 40.42 | 60.42 | 6 |
| 110 | 603 | ... | 5.48 | ... | 25.27 | 5.07 | 4.42 | 0.08 | 9.00 | 49.32 | 48.04 | 7 |
| 59 | 786 | 4.42 | 0.21 | ... | 48.96 | 7.41 | 13.68 | 0.10 | 6.07 | 80.84 | 63.48 | 8 |
| 68 | 313 | ... | 1.37 | ... | 27.26 | 5.18 | 3.50 | ... | 10.35 | 47.66 | 60.70 | 9 |
| 58 | 528 | ... | 10.55 | ... | 56.75 | 6.86 | 4.52 | ... | 9.71 | 88.38 | 55.37 | 10 |
| 483 | 1,683 | 8.46 | 1.58 | 13.41 | 8.94 | 5.35 | 6.05 | 0.18 | 17.70 | 61.66 | 48.55 | 11 |
| 229 | 1,558 | 1.01 | 0.16 | 11.61 | 78.49 | 6.31 | 5.09 | 0.31 | 17.85 | 121.43 | 59.94 | 12 |
| 51 | 368 | 2.28 | 4.24 | 0.49 | 36.02 | 3.91 | 4.56 | 0.16 | 8.31 | 59.97 | 37.48 | 13 |
| 64 | 597 | 2.89 | 0.14 | ... | 63.20 | 5.50 | 0.96 | 0.55 | 8.79 | 82.03 | 48.97 | 14 |
| 96 | 428 | 1.16 | 5.64 | ... | 42.33 | 3.15 | 2.16 | 0.66 | 15.94 | 71.05 | 44.79 | 15 |
| 91 | 872 | ... | 1.35 | ... | 91.38 | 2.33 | 0.86 | ... | 11.18 | 107.10 | 81.48 | 16 |
| 991 | 12,399 | 0.04 | 0.37 | ... | 40.30 | 2.28 | 212.06 | 0.19 | 4.80 | 60.03 | 55.61 | 17 |
| 40 | 1,116 | ... | 4.16 | 0.38 | 68.21 | 0.92 | 9.08 | 0.08 | 3.08 | 85.91 | 50.10 | 18 |
| 7 | 401 | ... | 0.67 | 26.85 | 56.59 | 0.89 | 2.44 | ... | 1.55 | 88.99 | 45.01 | 19 |
| 7 | 430 | ... | 2.82 | ... | 68.93 | 4.33 | 3.39 | 0.19 | 1.32 | 80.98 | 44.14 | 20 |
| 360 | 1,637 | 7.09 | 1.15 | 0.04 | 34.22 | 5.33 | 7.97 | 0.44 | 15.86 | 72.11 | 49.32 | 21 |
| 168 | 84 | 0.35 | 3.19 | ... | 32.34 | 2.78 | 7.57 | 0.42 | 11.66 | 58.30 | 74.74 | 22 |
| 610 | 1,803 | 3.12 | 0.37 | 1.5 | 26.42 | 4.27 | 8.32 | 0.30 | 22.66 | 66.99 | 51.92 | 23 |
| 35 | 172 | ... | 7.39 | 0.85 | 15.92 | 3.70 | 10.23 | 0.85 | 9.95 | 48.89 | 64.01 | 24 |
| 184 | 893 | 7.99 | 11.63 | 11.75 | 20.26 | 6.99 | 8.18 | ... | 14.90 | 81.12 | 47.40 | 25 |
| 65 | 230 | 0.99 | 5.92 | 12.04 | 16.38 | 6.12 | 9.87 | 0.99 | 12.83 | 65.14 | 41.69 | 26 |
| 212 | 943 | 0.15 | 2.24 | 0.34 | 14.40 | 4.56 | 5.35 | 0.30 | 7.93 | 35.26 | 53.89 | 27 |
| 196 | 709 | 3.19 | 7.21 | ... | 18.42 | 3.64 | 5.05 | 0.59 | 14.56 | 52.67 | 60.15 | 28 |
| 109 | 264 | ... | 2.39 | 0.51 | 16.71 | 2.05 | 4.60 | 0.17 | 18.5 | 45.01 | 62.88 | 29 |
| 88 | 373 | ... | ... | ... | 17.84 | 4.28 | 6.83 | 0.10 | 8.97 | 38.01 | 62.21 | 30 |
| 81 | 416 | 8.33 | 0.79 | 1.13 | 16.54 | 5.40 | 5.40 | 0.11 | 9.11 | 46.80 | 42.06 | 31 |
| 129 | 482 | 0.07 | 1.70 | ... | 20.45 | 0.78 | 1.70 | 0.28 | 9.13 | 34.11 | 29.71 | 32 |
| 34 | 105 | ... | 2.74 | ... | 6.11 | 3.16 | 2.74 | 0.21 | 7.16 | 22.12 | 83.10 | 33 |
| 33 | 44 | ... | 0.30 | ... | 1.22 | 0.61 | 1.22 | ... | 10.04 | 13.38 | 31.14 | 34 |
| 66 | 195 | ... | 2.24 | ... | 19.50 | 3.59 | 3.14 | 0.45 | 14.79 | 43.70 | 36.22 | 35 |
| 172 | 773 | 2.35 | 2.17 | ... | 20.37 | 1.76 | 7.98 | 0.65 | 10.10 | 45.37 | 48.67 | 36 |
| 37 | 135 | 0.63 | ... | ... | 21.36 | 3.46 | 5.03 | 0.31 | 11.62 | 42.41 | 55.04 | 37 |
| 50 | 202 | ... | 4.16 | ... | 16.32 | 0.83 | 3.66 | 0.33 | 8.33 | 33.64 | 42.86 | 38 |
| 24 | 136 | ... | 4.65 | 0.82 | 18.89 | 1.10 | 4.65 | 0.55 | 6.57 | 37.24 | 61.94 | 39 |
| 32 | 251 | ... | 2.34 | ... | 28.73 | 0.47 | 2.50 | 0.16 | 5.00 | 39.19 | 47.56 | 40 |
| 46 | 411 | ... | 0.59 | 0.09 | 32.98 | 0.29 | 1.46 | 0.20 | 4.49 | 40.11 | 56.60 | 41 |
| 36 | 250 | ... | ... | 13.73 | 18.63 | 0.49 | 2.12 | ... | 5.88 | 40.86 | 50.41 | 42 |
| 38 | 218 | 0.28 | 5.57 | 7.24 | 32.60 | 1.39 | 3.06 | ... | 10.59 | 60.74 | 65.25 | 43 |
| 21 | 2.9 | 0.42 | 3.58 | ... | 31.82 | 0.63 | 2.95 | 0.21 | 4.42 | 44.04 | 38.52 | 44 |
| 43 | 163 | 0.20 | 0.20 | ... | 19.29 | 1.19 | 2.98 | ... | 8.55 | 32.42 | 34.09 | 45 |

DEATHS REGISTERED FROM DIFFERENT CAUSES IN THE

| Number. | 2 | | | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | | | |
|----------------------|------------------|-----|-----|---|----------|------------|---------|---------|--------------------------|-----------------------|-----------|----------|-----------------------|---------------------------------------|--------|
| | B.—TOWNS. | | | Population according to Census of 1901. | Cholera. | Small-pox. | Plague. | Fevers. | Dysentery and diarrhoea. | Respiratory diseases. | INJURIES. | | | | |
| | | | | | | | | | | | Suicide. | | Wounds and accidents. | Snake-bite and killed by wild beasts. | Total. |
| 1 | 2 | | | 3 | 4 | 5 | 6 | 7 | 8 | 9 | Males. | Females. | | | |
| JULLUNDUR DISTRICT. | | | | | | | | | | | | | | | |
| 46 | Jullundur | ... | ... | 54,455 | 94 | 123 | ... | 733 | 184 | 379 | 2 | 1 | 19 | 1 | 23 |
| 47 | Alawalpur | ... | ... | 4,423 | 5 | 19 | ... | 63 | 9 | 8 | ... | ... | ... | ... | ... |
| 48 | Kartarpur | ... | ... | 10,840 | 16 | 49 | ... | 170 | 28 | 44 | ... | ... | 3 | ... | 3 |
| 49 | Bungah | ... | ... | 4,697 | ... | 7 | ... | 91 | 16 | 29 | ... | ... | 1 | ... | 1 |
| 50 | Rahon | ... | ... | 8,651 | ... | 5 | ... | 201 | 12 | 22 | ... | ... | ... | 1 | 1 |
| 51 | Nawashahr | ... | ... | 5,641 | ... | 4 | ... | 70 | 6 | 45 | ... | ... | 1 | ... | 1 |
| 52 | Phillour | ... | ... | 6,986 | 21 | 15 | 2 | 144 | 13 | 43 | ... | ... | 5 | ... | 5 |
| 53 | Nurmahal | ... | ... | 8,706 | 1 | 23 | 1 | 128 | 13 | 31 | ... | ... | 2 | ... | 2 |
| 54 | Nakodar | ... | ... | 9,958 | ... | 11 | ... | 144 | 8 | 74 | ... | ... | ... | ... | ... |
| LUDHIANA DISTRICT. | | | | | | | | | | | | | | | |
| 55 | Ludhiana | ... | ... | 48,211 | 29 | 14 | 23 | 1,231 | 48 | 244 | 1 | 1 | 11 | ... | 13 |
| 56 | Jagraon | ... | ... | 18,760 | 26 | 34 | 15 | 269 | 42 | 147 | 2 | ... | 4 | ... | 6 |
| 57 | Raekot | ... | ... | 10,131 | ... | 3 | 12 | 133 | 18 | 79 | ... | ... | ... | ... | ... |
| 58 | Khanna | ... | ... | 3,838 | 1 | 7 | 3 | 71 | 6 | 32 | ... | ... | 1 | ... | 1 |
| 59 | Machiwara | ... | ... | 5,568 | ... | 4 | ... | 64 | 14 | 47 | ... | 2 | ... | ... | 2 |
| FEROZEPORE DISTRICT. | | | | | | | | | | | | | | | |
| 60 | Ferozepore | ... | ... | 28,475 | 36 | 50 | 53 | 454 | 62 | 84 | ... | ... | 7 | 1 | 8 |
| 61 | Zira | ... | ... | 4,001 | 1 | 16 | ... | 126 | 6 | 8 | ... | ... | 1 | ... | 1 |
| 62 | Dharmkot | ... | ... | 6,731 | 7 | 11 | ... | 115 | ... | 14 | ... | ... | 3 | ... | 3 |
| 63 | Mukhtsar | ... | ... | 6,389 | 17 | 22 | ... | 105 | 2 | 12 | ... | ... | ... | ... | ... |
| 64 | Fazilka | ... | ... | 8,505 | 74 | 53 | 29 | 461 | 42 | 66 | ... | ... | 11 | ... | 11 |
| MONTGOMERY DISTRICT. | | | | | | | | | | | | | | | |
| 65 | Montgomery | ... | ... | 6,602 | 1 | 2 | 1 | 75 | 21 | 35 | ... | ... | 1 | ... | 1 |
| 66 | Kamalia | ... | ... | 6,976 | ... | 40 | ... | 351 | 18 | 5 | ... | ... | 2 | 1 | 3 |
| 67 | Pakpattan | ... | ... | 6,192 | ... | 9 | ... | 363 | 12 | 19 | ... | ... | 3 | ... | 3 |
| LAHORE DISTRICT. | | | | | | | | | | | | | | | |
| 68 | Lahore | ... | ... | 186,884 | 363 | 561 | 4 | 6,296 | 377 | 887 | 5 | 1 | 84 | 1 | 91 |
| 69 | Sharakpur | ... | ... | 4,474 | 6 | 3 | ... | 195 | 21 | 9 | ... | ... | 5 | ... | 5 |
| 70 | Chunian | ... | ... | 8,959 | 5 | 85 | 1 | 307 | 23 | 18 | ... | ... | 6 | 1 | 7 |
| 71 | Khudian | ... | ... | 3,401 | 5 | 2 | 61 | 110 | 7 | 5 | ... | ... | 2 | ... | 2 |
| 72 | Kasur | ... | ... | 22,022 | 265 | 84 | 14 | 671 | 52 | 39 | ... | 1 | 9 | 1 | 11 |
| 73 | Khem Karn | ... | ... | 6,083 | 26 | 6 | 15 | 94 | 12 | 15 | 1 | ... | 2 | ... | 3 |
| 74 | Patti | ... | ... | 8,187 | 1 | 20 | ... | 331 | 37 | 18 | ... | ... | 2 | ... | 2 |
| AMRITSAR DISTRICT. | | | | | | | | | | | | | | | |
| 75 | Amritsar | ... | ... | 161,039 | 226 | 418 | ... | 10,977 | 652 | 1,544 | 2 | 2 | 80 | 3 | 87 |
| 76 | Majitha | ... | ... | 6,403 | ... | 18 | ... | 268 | 53 | 20 | ... | ... | 2 | 1 | 3 |
| 77 | Jandiala | ... | ... | 7,750 | 12 | 35 | 2 | 225 | 16 | 17 | ... | ... | 1 | ... | 1 |
| 78 | Tarn Taran | ... | ... | 4,428 | ... | 10 | 1 | 213 | 28 | 27 | ... | ... | 2 | ... | 2 |
| GURDASPUR DISTRICT. | | | | | | | | | | | | | | | |
| 79 | Gurdaspur | ... | ... | 4,903 | 19 | 10 | ... | 86 | 10 | 44 | ... | ... | 4 | ... | 4 |
| 80 | Dina Nagar | ... | ... | 5,191 | ... | 9 | ... | 146 | 3 | 21 | ... | ... | 3 | ... | 3 |
| 81 | Kalanour | ... | ... | 5,251 | 20 | 34 | ... | 128 | 34 | 45 | ... | ... | 3 | ... | 3 |
| 82 | Pathankot | ... | ... | 6,091 | ... | 59 | 4 | 163 | 8 | 66 | ... | ... | 4 | ... | 4 |
| 83 | Sujanpur | ... | ... | 5,687 | ... | 47 | ... | 73 | 26 | 66 | ... | ... | 3 | ... | 3 |
| 84 | Dalhousie | ... | ... | 808 | ... | ... | ... | 4 | 1 | 12 | ... | ... | 1 | ... | 1 |
| 85 | Batala | ... | ... | 27,365 | 97 | 100 | ... | 627 | 70 | 234 | ... | ... | 20 | 2 | 22 |
| 86 | Srigobindpur | ... | ... | 4,380 | ... | 13 | ... | 109 | 5 | 9 | ... | ... | 1 | 1 | 2 |
| 87 | Dera Nanak | ... | ... | 5,118 | ... | 13 | ... | 69 | 25 | 37 | ... | ... | ... | ... | ... |
| SIALKOT DISTRICT. | | | | | | | | | | | | | | | |
| 88 | Sialkot | ... | ... | 44,789 | 156 | 136 | ... | 781 | 123 | 408 | ... | ... | 21 | ... | 21 |
| 89 | Daska | ... | ... | 6,655 | ... | ... | ... | 138 | 16 | 33 | ... | ... | 1 | ... | 1 |
| 90 | Jamke | ... | ... | 4,216 | 6 | 1 | ... | 90 | 8 | 18 | ... | ... | 1 | ... | 1 |
| 91 | Kila Sobha Singh | ... | ... | 3,338 | ... | 11 | ... | 156 | 15 | 31 | ... | ... | 2 | ... | 2 |
| 92 | Pasrur | ... | ... | 8,335 | 17 | 11 | ... | 101 | 24 | 43 | ... | ... | 2 | ... | 2 |
| 93 | Zaffarwal | ... | ... | 4,658 | ... | 35 | ... | 140 | 26 | 60 | ... | ... | 2 | ... | 2 |
| 94 | Narowal | ... | ... | 4,422 | 38 | 15 | ... | 150 | 19 | 53 | ... | ... | 4 | ... | 4 |

No. VI—continued.

TOWNS OF THE PUNJAB DURING THE YEAR 1908.

| 11 | | 12 | | 13 | | | | | | | | 14 | |
|-------------------|--------|-------------------------------|------|--|------------|---------|---------|-------------------------------|-----------------------|-----------|-------------------|------------------|--|
| | | | | RATIO OF DEATHS PER 1,000 OF POPULATION. | | | | | | | | | |
| All other causes. | | Total deaths from all causes. | | | | | | | | | | | |
| | | | | Cholera. | Small-pox. | Plague. | Fevers. | Dysentery and diar. rhoea. | Respiratory diseases. | Injuries. | All other causes. | From all causes. | |
| | | | | | | | | | | | | For the year. | Mean ratio of previous five years. |
| 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | |
| 516 | 2,052 | 1.73 | 2.26 | ... | 13.46 | 3.38 | 6.96 | 0.42 | 9.48 | 37.68 | 52.43 | 46 | |
| 42 | 146 | 1.13 | 4.30 | ... | 14.24 | 2.03 | 1.81 | ... | 9.50 | 33.01 | 50.42 | 47 | |
| 66 | 376 | 1.48 | 4.52 | ... | 15.68 | 2.58 | 4.04 | 0.28 | 6.09 | 34.69 | 64.80 | 48 | |
| 34 | 178 | ... | 1.49 | ... | 19.37 | 3.41 | 6.17 | 0.21 | 7.24 | 37.90 | 43.09 | 49 | |
| 37 | 278 | ... | 0.58 | ... | 23.23 | 1.39 | 2.54 | 0.12 | 4.28 | 32.14 | 48.87 | 50 | |
| 58 | 184 | ... | 0.71 | ... | 12.41 | 1.06 | 7.98 | 0.18 | 10.28 | 32.62 | 52.05 | 51 | |
| 83 | 326 | 3.01 | 2.15 | 0.29 | 20.61 | 1.86 | 6.16 | 0.72 | 11.88 | 46.66 | 52.91 | 52 | |
| 29 | 225 | 0.11 | 2.64 | 0.11 | 14.70 | 1.49 | 3.56 | 0.23 | 3.33 | 26.19 | 54.22 | 53 | |
| 22 | 259 | ... | 1.10 | ... | 14.46 | 0.80 | 7.43 | ... | 2.21 | 26.01 | 44.83 | 54 | |
| 235 | 1,837 | 0.60 | 0.29 | 0.48 | 25.53 | 1.00 | 5.06 | 0.27 | 4.87 | 38.10 | 49.08 | 55 | |
| 161 | 700 | 1.39 | 1.81 | 0.80 | 14.34 | 2.24 | 7.84 | 0.32 | 8.58 | 37.31 | 53.06 | 56 | |
| 84 | 329 | ... | 0.30 | 1.18 | 13.13 | 1.78 | 7.80 | ... | 8.29 | 32.47 | 57.23 | 57 | |
| 33 | 154 | 0.26 | 1.82 | 0.78 | 18.50 | 1.56 | 8.34 | 0.26 | 8.60 | 40.13 | 57.69 | 58 | |
| 32 | 163 | ... | 0.72 | ... | 11.45 | 2.51 | 8.41 | 0.36 | 5.73 | 29.17 | 55.98 | 59 | |
| 237 | 984 | 1.53 | 2.13 | 2.26 | 19.34 | 2.64 | 3.58 | 0.34 | 10.10 | 41.92 | 43.46 | 60 | |
| 82 | 240 | 0.25 | 4.00 | ... | 31.49 | 1.50 | 2.00 | 0.25 | 20.49 | 59.99 | 72.03 | 61 | |
| 79 | 229 | 1.04 | 1.63 | ... | 17.09 | ... | 2.08 | 0.45 | 11.74 | 34.02 | 65.16 | 62 | |
| 88 | 246 | 2.66 | 3.44 | ... | 16.43 | 0.31 | 1.88 | ... | 13.77 | 38.50 | 38.82 | 63 | |
| 176 | 912 | 8.70 | 6.23 | 3.41 | 54.20 | 4.94 | 7.76 | 1.29 | 20.69 | 107.23 | 55.26 | 64 | |
| 67 | 203 | 0.15 | 0.30 | 0.15 | 11.36 | 3.18 | 5.30 | 0.15 | 10.15 | 30.75 | 22.57 | 65 | |
| 113 | 530 | ... | 5.73 | ... | 50.32 | 2.58 | 0.72 | 0.43 | 16.20 | 75.97 | 38.27 | 66 | |
| 82 | 488 | ... | 1.45 | ... | 58.62 | 1.94 | 3.07 | 0.48 | 13.24 | 78.81 | 40.25 | 67 | |
| 1,964 | 10,543 | 1.94 | 3.00 | 0.02 | 33.69 | 2.02 | 4.75 | 0.49 | 10.51 | 56.41 | 45.74 | 68 | |
| 49 | 258 | 1.34 | 0.67 | ... | 43.59 | 4.69 | 2.01 | 1.12 | 10.95 | 64.37 | 54.63 | 69 | |
| 88 | 534 | 0.56 | 9.49 | 0.11 | 34.27 | 2.57 | 2.01 | 0.78 | 9.82 | 59.60 | 64.58 | 70 | |
| 49 | 241 | 1.47 | 0.59 | 17.94 | 32.34 | 2.06 | 1.47 | 0.59 | 14.41 | 70.86 | 72.27 | 71 | |
| 281 | 1,417 | 12.03 | 3.81 | 0.64 | 30.47 | 2.36 | 1.77 | 0.50 | 12.76 | 64.34 | 51.73 | 72 | |
| 63 | 234 | 4.27 | 0.99 | 2.47 | 15.45 | 1.97 | 2.47 | 0.49 | 10.36 | 38.47 | 68.42 | 73 | |
| 111 | 520 | 0.12 | 2.44 | ... | 40.43 | 4.52 | 2.20 | 0.24 | 13.56 | 63.52 | 43.61 | 74 | |
| 1,341 | 15,245 | 1.40 | 2.60 | ... | 68.16 | 4.05 | 9.59 | 0.54 | 8.33 | 94.67 | 49.76 | 75 | |
| 53 | 415 | ... | 2.81 | ... | 41.86 | 8.28 | 3.12 | 0.47 | 8.28 | 64.81 | 49.35 | 76 | |
| 53 | 361 | 1.55 | 4.52 | 0.26 | 29.03 | 2.06 | 2.19 | 0.13 | 6.84 | 46.58 | 53.21 | 77 | |
| 48 | 329 | ... | 2.26 | 0.23 | 48.10 | 6.32 | 6.10 | 0.45 | 10.84 | 74.30 | 45.98 | 78 | |
| 22 | 195 | 3.88 | 2.04 | ... | 17.54 | 2.04 | 8.97 | 0.82 | 4.49 | 39.77 | 47.15 | 79 | |
| 26 | 208 | ... | 1.73 | ... | 28.13 | 0.58 | 4.05 | 0.58 | 5.01 | 40.07 | 64.30 | 80 | |
| 34 | 298 | 3.81 | 6.47 | ... | 24.38 | 6.47 | 8.57 | 0.57 | 6.47 | 56.75 | 63.68 | 81 | |
| 36 | 340 | ... | 9.69 | 0.66 | 26.76 | 1.31 | 10.84 | 0.66 | 5.91 | 55.82 | 60.35 | 82 | |
| 17 | 232 | ... | 8.26 | ... | 12.84 | 4.57 | 11.61 | 0.53 | 2.99 | 40.79 | 46.32 | 83 | |
| 3 | 21 | ... | ... | ... | 4.95 | 1.24 | 14.85 | 1.24 | 3.71 | 25.99 | 35.15 | 84 | |
| 97 | 1,247 | 3.54 | 3.65 | ... | 22.91 | 2.56 | 8.55 | 0.80 | 3.54 | 45.57 | 56.14 | 85 | |
| 12 | 150 | ... | 2.97 | ... | 24.89 | 1.14 | 2.05 | 0.46 | 2.74 | 34.25 | 63.29 | 86 | |
| 13 | 157 | ... | 2.54 | ... | 13.48 | 4.88 | 7.23 | ... | 2.54 | 30.68 | 52.01 | 87 | |
| 564 | 2,189 | 3.48 | 3.04 | ... | 17.44 | 2.75 | 9.11 | 0.47 | 12.59 | 48.87 | 50.44 | 88 | |
| 49 | 237 | ... | ... | ... | 20.74 | 2.40 | 4.96 | 0.15 | 7.36 | 35.61 | 50.52 | 89 | |
| 53 | 177 | 1.42 | 0.24 | ... | 21.35 | 1.90 | 4.27 | 0.24 | 12.57 | 41.98 | 50.65 | 90 | |
| 25 | 240 | ... | 3.36 | ... | 46.73 | 4.49 | 9.29 | 0.60 | 7.49 | 71.90 | 64.41 | 91 | |
| 76 | 274 | 2.04 | 1.32 | ... | 12.12 | 2.88 | 5.16 | 0.21 | 9.12 | 32.87 | 52.43 | 92 | |
| 66 | 329 | ... | 7.51 | ... | 30.06 | 5.58 | 12.88 | 0.43 | 14.17 | 70.63 | 50.97 | 93 | |
| 52 | 331 | 8.59 | 3.39 | ... | 33.92 | 4.30 | 11.99 | 0.90 | 11.76 | 74.85 | 43.28 | 94 | |

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | | | |
|----------------------|-------------------------|---|----------|------------|---------|---------|--------------------------|-----------------------|-----------|----------|-----------------------|---------------------------------------|--------|
| Number. | B.—TOWNS. | Population according to census of 1901. | Cholera. | Small-pox. | Plague. | Fevers. | Dysentery and diarrhoea. | Respiratory diseases. | INJURIES. | | | | |
| | | | | | | | | | Suicide. | | Wounds and accidents. | Snake-bite and killed by wild beasts. | Total. |
| | | | | | | | | | Males. | Females. | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 |
| GUJRANWALA DISTRICT. | | | | | | | | | | | | | |
| 95 | Gujranwala | 28,356 | 2 | 25 | 60 | 645 | 49 | 154 | 2 | ... | 18 | ... | 20 |
| 96 | Wazirabad | 18,069 | 20 | 30 | 1 | 644 | 47 | 56 | ... | ... | 8 | ... | 8 |
| 97 | Eminabad | 6,494 | ... | 13 | ... | 163 | 6 | 15 | ... | ... | 5 | ... | 5 |
| 98 | Kila Didar Singh | 2,705 | ... | ... | 1 | 72 | 2 | 10 | ... | ... | 2 | ... | 2 |
| 99 | Akalgarh | 4,961 | ... | 24 | ... | 94 | 3 | 13 | ... | ... | 2 | ... | 2 |
| 100 | Ramnagar | 7,121 | 2 | 15 | ... | 208 | 15 | 18 | ... | ... | 6 | ... | 6 |
| 101 | Sohdara | 5,313 | ... | 6 | ... | 98 | ... | 11 | ... | ... | 2 | ... | 2 |
| 102 | Hafizabad | 4,692 | 13 | 3 | ... | 197 | ... | 10 | ... | ... | 3 | 1 | 4 |
| 103 | Khanwah Dogran | 5,349 | ... | 2 | ... | 15 | ... | 9 | ... | ... | 1 | ... | 1 |
| 104 | Pindi Bhattian | 4,229 | ... | ... | ... | 196 | 3 | 10 | ... | ... | 1 | ... | 1 |
| 105 | Sangla | 982 | ... | 2 | ... | 27 | ... | 4 | ... | ... | 3 | ... | 3 |
| GUJRAT DISTRICT. | | | | | | | | | | | | | |
| 106 | Gujrat | 19,048 | 2 | 32 | ... | 828 | 58 | 126 | ... | ... | 8 | ... | 8 |
| 107 | Jalalpur | 10,640 | ... | 11 | ... | 244 | 26 | 63 | ... | ... | 5 | ... | 5 |
| 108 | Kunjah | 6,431 | ... | 28 | ... | 153 | 12 | 58 | ... | ... | 4 | 1 | 5 |
| 109 | Dinga | 5,412 | ... | 1 | ... | 144 | 6 | 43 | ... | ... | 2 | 1 | 3 |
| SHAHPUR DISTRICT. | | | | | | | | | | | | | |
| 110 | Shahpur | 5,855 | 19 | ... | ... | 142 | 22 | 18 | ... | ... | 3 | ... | 3 |
| 111 | Sahiwal | 9,163 | ... | 4 | 1 | 422 | 13 | 9 | ... | ... | 1 | ... | 1 |
| 112 | Bhera | 18,680 | 30 | 27 | ... | 1,586 | 46 | 43 | 1 | ... | 4 | 3 | 8 |
| 113 | Miani | 7,220 | 17 | 6 | ... | 509 | 12 | 17 | ... | ... | 7 | 1 | 8 |
| 114 | Khushab | 11,403 | 9 | 2 | ... | 230 | 35 | 19 | ... | ... | 1 | ... | 1 |
| JHELUM DISTRICT. | | | | | | | | | | | | | |
| 115 | Jhelum | 11,703 | 49 | 4 | 1 | 292 | 40 | 49 | ... | ... | 2 | 2 | 4 |
| 116 | Pind Dadan Khan | 13,770 | 76 | 4 | ... | 575 | 65 | 27 | ... | ... | 6 | ... | 6 |
| RAWALPINDI DISTRICT. | | | | | | | | | | | | | |
| 117 | Rawalpindi | 47,077 | 78 | 46 | ... | 981 | 138 | 289 | ... | ... | 20 | 1 | 21 |
| 118 | Murree | 1,517 | ... | ... | ... | 18 | 1 | 5 | ... | ... | ... | ... | ... |
| ATTOCK DISTRICT. | | | | | | | | | | | | | |
| 119 | Pindigheb | 8,452 | ... | ... | ... | 173 | 9 | 7 | ... | ... | 5 | ... | 5 |
| 120 | Hazro | 9,799 | 73 | 5 | ... | 266 | 8 | 49 | ... | ... | 3 | ... | 3 |
| MIANWALI DISTRICT. | | | | | | | | | | | | | |
| 121 | Mianwali | 3,591 | 10 | 9 | ... | 126 | 12 | 12 | ... | ... | 2 | ... | 2 |
| 122 | Leiah | 7,546 | 147 | 17 | ... | 226 | 14 | 16 | ... | ... | 10 | ... | 10 |
| 123 | Karor | 3,243 | 7 | 23 | ... | 110 | 17 | 5 | ... | ... | 1 | ... | 1 |
| 124 | Bhakkar | 5,312 | 1 | 2 | 2 | 220 | 13 | 3 | ... | ... | 3 | ... | 3 |
| 125 | Isa Khel | 7,630 | 16 | 1 | ... | 177 | 10 | 7 | ... | ... | 2 | ... | 2 |
| 126 | Kalabagh | 5,824 | 3 | 1 | ... | 148 | 46 | 6 | ... | ... | 4 | ... | 4 |
| JHANG DISTRICT. | | | | | | | | | | | | | |
| 127 | Jhang Maghiana | 23,198 | 28 | 21 | 20 | 692 | 203 | 54 | ... | ... | ... | 1 | 1 |
| 128 | Chiniot | 15,685 | ... | 16 | 2 | 363 | 42 | 38 | ... | ... | ... | 2 | 2 |
| LYALLPUR DISTRICT. | | | | | | | | | | | | | |
| 129 | Lyallpur | 9,171 | 1 | 11 | 21 | 152 | 9 | 12 | 1 | ... | 4 | 2 | 7 |
| MULTAN DISTRICT. | | | | | | | | | | | | | |
| 1 | | | | | | | | | | | | | |

No. VI—continued,

TOWNS OF THE PUNJAB DURING THE YEAR 1908.

| 11 | 12 | 13 | | | | | | | | | | 14 |
|-------------------|-------------------------------|---------------------------------------|------------|---------|---------|--------------------------|-----------------------|-----------|-------------------|------------------|------------------------------------|---------|
| All other causes. | Total deaths from all causes. | RATIO OF DEATHS PER 1,000 POPULATION. | | | | | | | | | | Number. |
| | | Cholera. | Small-pox. | Plague. | Fevers. | Dysentery and diarrhoea. | Respiratory diseases. | Injuries. | All other causes. | From all causes. | | |
| | | | | | | | | | | For the year. | Mean ratio of previous five years. | |
| 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 |
| 170 | 1,125 | 0·07 | 0·88 | 2·12 | 22·75 | 1·73 | 5·43 | 0·71 | 6·00 | 39·67 | 56·62 | 95 |
| 115 | 921 | 1·11 | 1·66 | 0·06 | 35·64 | 2·60 | 3·10 | 0·44 | 6·36 | 50·97 | 45·32 | 96 |
| 25 | 227 | ... | 2·00 | ... | 25·10 | 0·92 | 2·31 | 0·77 | 3·85 | 34·96 | 67·20 | 97 |
| 3 | 90 | ... | ... | 0·37 | 26·62 | 0·74 | 3·70 | 0·74 | 1·11 | 33·27 | 71·35 | 98 |
| 26 | 162 | ... | 4·84 | ... | 18·95 | 0·60 | 2·62 | 0·40 | 5·24 | 32·65 | 46·04 | 99 |
| 61 | 325 | 0·28 | 2·11 | ... | 29·21 | 2·11 | 2·53 | 0·84 | 8·57 | 45·64 | 59·40 | 100 |
| 16 | 133 | ... | 1·13 | ... | 18·45 | ... | 2·07 | 0·37 | 3·01 | 25·03 | 61·21 | 101 |
| 47 | 274 | 2·77 | 0·64 | ... | 41·99 | ... | 2·13 | 0·85 | 10·02 | 58·40 | 56·86 | 102 |
| 4 | 31 | ... | 0·37 | ... | 2·80 | ... | 1·68 | 0·19 | 0·75 | 5·80 | 9·42 | 103 |
| 17 | 227 | ... | ... | ... | 46·35 | 0·71 | 2·36 | 0·24 | 4·02 | 53·68 | 53·68 | 104 |
| 24 | 60 | ... | 2·04 | ... | 27·49 | ... | 4·07 | 3·05 | 24·44 | 61·10 | 103·26 | 105 |
| 145 | 1,199 | 0·10 | 1·68 | ... | 43·47 | 3·04 | 6·61 | 0·42 | 7·61 | 62·95 | 38·49 | 106 |
| 163 | 512 | ... | 1·03 | ... | 22·93 | 2·44 | 5·92 | 0·47 | 15·32 | 48·12 | 51·73 | 107 |
| 35 | 291 | ... | 4·35 | ... | 3·79 | 1·87 | 9·02 | 0·78 | 5·44 | 45·25 | 31·66 | 108 |
| 13 | 210 | ... | 0·18 | ... | 6·61 | 1·11 | 7·95 | 0·55 | 2·40 | 38·80 | 57·21 | 109 |
| 33 | 237 | 3·25 | ... | ... | 24·25 | 3·76 | 3·07 | 0·51 | 5·64 | 40·48 | 38·50 | 110 |
| 156 | 606 | ... | 0·44 | 0·11 | 46·05 | 1·42 | 0·98 | 0·11 | 17·02 | 66·14 | 61·70 | 111 |
| 167 | 1,907 | 1·61 | 1·45 | ... | 84·90 | 2·46 | 2·30 | 0·43 | 8·94 | 102·09 | 49·83 | 112 |
| 76 | 645 | 2·35 | 0·83 | ... | 70·50 | 1·66 | 2·35 | 1·11 | 10·53 | 89·34 | 60·61 | 113 |
| 121 | 417 | 0·79 | 0·18 | ... | 20·17 | 3·07 | 1·67 | 0·09 | 10·61 | 36·57 | 38·60 | 114 |
| 85 | 524 | 4·19 | 0·34 | 0·09 | 24·95 | 3·42 | 4·19 | 0·34 | 7·26 | 44·77 | 36·20 | 115 |
| 168 | 921 | 5·52 | 0·29 | ... | 41·76 | 4·72 | 1·96 | 0·44 | 12·20 | 66·88 | 46·52 | 116 |
| 513 | 2,066 | 1·66 | 0·98 | ... | 20·84 | 2·93 | 6·14 | 0·45 | 10·90 | 43·89 | 44·25 | 117 |
| 7 | 31 | ... | ... | ... | 11·87 | 0·66 | 3·30 | ... | 4·61 | 20·44 | 33·75 | 118 |
| 58 | 252 | ... | ... | ... | 20·47 | 1·06 | 0·83 | 0·59 | 6·86 | 29·82 | 40·80 | 119 |
| 108 | 512 | 7·45 | 0·51 | ... | 27·15 | 0·82 | 5·00 | 0·31 | 11·02 | 52·25 | 33·02 | 120 |
| 27 | 198 | 2·78 | 2·51 | ... | 35·09 | 3·34 | 3·34 | 0·56 | 7·52 | 55·14 | Not available. | 121 |
| 61 | 491 | 19·48 | 2·25 | ... | 29·95 | 1·86 | 2·12 | 1·33 | 8·08 | 65·67 | 27·43 | 122 |
| 38 | 201 | 2·16 | 7·09 | ... | 33·92 | 5·24 | 1·54 | 0·31 | 11·72 | 61·98 | 43·91 | 123 |
| 83 | 327 | 0·19 | 0·38 | 0·38 | 41·42 | 2·45 | 0·56 | 0·56 | 15·63 | 61·56 | 36·22 | 124 |
| 15 | 228 | 2·10 | 0·13 | ... | 23·20 | 1·31 | 0·92 | 0·26 | 1·97 | 29·88 | 36·50 | 125 |
| 33 | 241 | 0·52 | 0·17 | ... | 25·41 | 7·90 | 1·03 | 0·69 | 5·67 | 41·38 | 43·61 | 126 |
| 331 | 1,350 | 1·21 | 0·90 | 0·86 | 29·83 | 8·75 | 33 | 0·04 | 14·27 | 58·19 | 41·81 | 127 |
| 221 | 684 | ... | 1·02 | 0·13 | 23·14 | 2·68 | 2·42 | 0·13 | 14·09 | 43·61 | 54·03 | 128 |
| 80 | 293 | 0·11 | 1·20 | 2·29 | 16·57 | 0·98 | 1·31 | 0·76 | 8·72 | 31·95 | 26·21 | 129 |
| 910 | 3,369 | 0·19 | 2·84 | ... | 23·80 | 2·48 | 3·19 | 0·46 | 12·19 | 45·14 | 32·25 | 130 |
| 84 | 329 | ... | 1·62 | ... | 36·56 | 2·52 | 3·24 | 0·18 | 15·13 | 59·26 | 32·52 | 131 |
| 57 | 251 | ... | ... | ... | 24·49 | 5·95 | 2·38 | 0·17 | 9·69 | 42·69 | 38·23 | 132 |
| 74 | 236 | ... | 0·97 | ... | 26·80 | 2·33 | 1·17 | 0·19 | 14·37 | 45·83 | 33·48 | 133 |
| 57 | 248 | ... | 0·40 | ... | 64·92 | 7·52 | 0·40 | 2·77 | 22·57 | 98·57 | 45·68 | 134 |

DEATHS REGISTERED FROM DIFFERENT CAUSES IN THE

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | | | |
|-----------------------------------|------------------------|---|---------------|---------------|---------------|----------------|--------------------------|-----------------------|------------|------------|-----------------------|---------------------------------------|--------------|
| Number. | B.—Towns. | Population according to Census of 1907. | Cholera. | Small-pox. | Plague. | Fever. | Dysentery and diarrhoea. | Respiratory diseases. | INJURIES. | | | | |
| | | | | | | | | | Suicide. | | Wounds and accidents. | Snake-bite and killed by wild beasts. | Total. |
| | | | | | | | | | Males. | Females. | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 |
| MUZAFFARGARH DISTRICT. | | | | | | | | | | | | | |
| 135 | Muzaffargarh | 3,737 | ... | ... | ... | 130 | 8 | 6 | 1 | ... | 2 | ... | 3 |
| 136 | Khangarh | 3,621 | ... | 3 | ... | 81 | 8 | 1 | ... | ... | ... | ... | ... |
| 137 | Alipur | 2,788 | ... | 9 | ... | 84 | 3 | 3 | ... | ... | 1 | ... | 1 |
| 138 | Khairpur | 2,257 | ... | 1 | ... | 90 | 3 | 3 | ... | ... | 1 | 1 | 2 |
| DERA GHAZI KHAN DISTRICT. | | | | | | | | | | | | | |
| 139 | Dera Ghazi Khan | 21,697 | 98 | 21 | ... | 405 | 50 | 78 | ... | ... | 13 | ... | 13 |
| 140 | Jampur | 5,928 | 4 | 1 | ... | 209 | 9 | 19 | ... | ... | 2 | 1 | 3 |
| 141 | Dajal | 6,213 | ... | ... | ... | 124 | 13 | 24 | ... | ... | 3 | 4 | 7 |
| 142 | Rajanpur | 3,917 | ... | ... | ... | 179 | 10 | 8 | ... | ... | 2 | ... | 2 |
| 143 | Kot Mithan | 3,487 | ... | ... | ... | 144 | 5 | 4 | ... | ... | 1 | ... | 1 |
| Total | | 2,014,612 | 3,197 | 4,134 | 1,362 | 65,536 | 5,843 | 11,957 | 29 | 9 | 684 | 63 | 785 |
| Total for the Province ... | | 20,108,690 | 12,297 | 28,652 | 30,708 | 697,058 | 21,103 | 64,744 | 136 | 169 | 5,634 | 1,088 | 7,027 |

No. VI—concluded.

TOWNS OF THE PUNJAB DURING THE YEAR 1908.

| 11 | 12 | 13 | | | | | | | | | | 14 |
|-------------------|-------------------------------|--|------------|---------|--------|-------------------------------|-----------------------|-----------|-------------------|------------------|--|---------|
| All other causes. | Total deaths from all causes. | RATIO OF DEATHS PER 1,000 OF POPULATION. | | | | | | | | | | Number. |
| | | Cholera. | Small-pox. | Plague. | Fever. | Dysentery and diar- rhoea. | Respiratory diseases. | Injuries. | All other causes. | From all causes. | | |
| | | | | | | | | | | For the year. | Mean ratio of previous five years. | |
| 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 |
| 7 | 154 | ... | ... | .. | 34.79 | 2.14 | 1.61 | 0.80 | 1.87 | 41.21 | 33.72 | 135 |
| 40 | 133 | ... | 0.83 | .. | 22.37 | 2.21 | 0.28 | ... | 11.05 | 36.73 | 41.26 | 136 |
| 58 | 158 | ... | 3.23 | ... | 30.13 | 1.08 | 1.08 | 0.36 | 20.80 | 56.67 | 38.81 | 137 |
| 12 | 111 | ... | 0.44 | ... | 39.88 | 1.33 | 1.33 | 0.89 | 5.32 | 49.18 | 36.86 | 138 |
| 215 | 880 | 4.52 | 0.97 | ... | 18.67 | 2.30 | 3.59 | 0.60 | 9.91 | 40.56 | 30.37 | 139 |
| 81 | 326 | 0.67 | 0.17 | ... | 35.26 | 1.52 | 3.21 | 0.51 | 13.66 | 54.99 | 32.42 | 140 |
| 65 | 233 | ... | ... | ... | 19.96 | 2.09 | 3.86 | 1.13 | 10.46 | 37.50 | 34.77 | 141 |
| 20 | 219 | ... | ... | ... | 45.70 | 2.55 | 2.04 | 0.51 | 5.11 | 55.91 | 34.47 | 142 |
| 53 | 207 | ... | ... | ... | 41.30 | 1.43 | 1.15 | 0.29 | 15.20 | 59.36 | 36.02 | 143 |
| 19,159 | 111,973 | 1.59 | 2.05 | 0.68 | 3.253 | 2.90 | 5.94 | 0.39 | 9.51 | 55.58 | 49.56 | |
| 158,536 | 1,020,125 | 0.61 | 1.42 | 1.53 | 34.66 | 1.05 | 3.22 | 0.35 | 7.88 | 50.73 | 48.93 | |

APPENDIX TO ANNUAL FORM No. VI B.

DEATHS REGISTERED IN THE CANTONMENTS OF THE PUNJAB DURING THE YEAR 193

| Number. | Names of cantonments. | Population according to Census of 1901. | Cholera. | Small-pox. | Plague. | Fevers. | Dysentery and diarrhoea. | Respiratory diseases. | INJURIES. | | | | | All other causes. | Total deaths from all causes. | Ratio of deaths per 1,000 of population. | Total births registered during the year. | Ratio of births per 1,000 of population. | Number. |
|---------|-----------------------|---|----------|------------|---------|---------|--------------------------|-----------------------|-----------|----------|-----------------------|---------------------------------------|--------|-------------------|-------------------------------|--|--|--|---------|
| | | | | | | | | | Suicide. | | Wounds and accidents. | Snake-bite and killed by wild beasts. | Total. | | | | | | |
| | | | | | | | | | Males. | Females. | | | | | | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| 1 | Delhi ... | 2,041 | ... | 1 | 3 | 22 | 1 | ... | ... | ... | ... | ... | ... | 7 | 34 | 17 | 6 | 3 | 1 |
| 2 | Ambala | 50,438 | ... | ... | ... | 834 | 20 | 113 | ... | ... | 9 | 1 | 10 | 429 | 1,406 | 28 | 945 | 19 | 2 |
| | Kasauli | 2,192 | ... | ... | ... | 30 | ... | ... | ... | ... | ... | 2 | 2 | 29 | 61 | 28 | 52 | 24 | 3 |
| 4 | Dagshai | 2,159 | ... | 1 | ... | 11 | 7 | 24 | ... | ... | 2 | ... | 2 | 13 | 58 | 27 | 38 | 18 | 4 |
| 5 | Sabathu | 2,177 | ... | ... | ... | 26 | ... | ... | ... | ... | 7 | ... | 7 | 12 | 45 | 21 | 40 | 18 | 5 |
| 6 | Jatogh... | 375 | ... | ... | ... | 5 | 1 | 1 | .. | ... | 2 | ... | 2 | 4 | 13 | 35 | 10 | 27 | 6 |
| 7 | Dharmsala | 3,683 | ... | ... | ... | 31 | 1 | ... | ... | ... | 1 | ... | 1 | 20 | 53 | 14 | 76 | 21 | 7 |
| 8 | Jullundur | 13,280 | 2 | 2 | ... | 97 | 9 | 41 | ... | ... | 1 | ... | 1 | 22 | 174 | 13 | 151 | 11 | 8 |
| 9 | Ferozepore | 25,866 | 10 | ... | 7 | 453 | 43 | 72 | ... | ... | 14 | ... | 14 | 201 | 800 | 31 | 629 | 24 | 9 |
| 10 | Lahore ... | 16,080 | 11 | 4 | ... | 379 | 9 | 25 | ... | 1 | 3 | ... | 4 | 121 | 553 | 34 | 62 | 16 | 10 |
| 11 | Amritsar | 1,390 | 1 | ... | ... | 32 | 4 | 6 | ... | ... | ... | ... | ... | 8 | 51 | 37 | 22 | 16 | 11 |
| 12 | Dalhousie | 508 | ... | ... | ... | 4 | ... | ... | ... | ... | ... | ... | ... | 2 | 6 | 12 | 7 | 14 | 12 |
| 13 | Bakloh ... | 3,042 | ... | .. | ... | 32 | 4 | ... | ... | ... | 1 | ... | 1 | 10 | 47 | 15 | 89 | 29 | 13 |
| 14 | Sialkot ... | 12,582 | 1 | ... | ... | 113 | 27 | 39 | ... | ... | 1 | ... | 1 | 106 | 287 | 23 | 247 | 20 | 14 |
| 15 | Jhelum | 3,248 | 2 | ... | ... | 9 | 4 | ... | ... | ... | ... | ... | ... | 21 | 36 | 11 | 20 | 6 | 15 |
| 16 | Rawalpindi | 40,611 | 11 | 4 | 4 | 443 | 30 | ... | ... | 1 | 2 | 1 | 4 | 28 | 524 | 13 | 576 | 14 | 16 |
| 17 | Campbellpur | 3,036 | 1 | 3 | ... | 28 | 1 | 10 | ... | ... | 1 | ... | 1 | 15 | 59 | 19 | 29 | 10 | 17 |
| 18 | Murree ... | 327 | 2 | ... | ... | 5 | 1 | ... | ... | ... | ... | ... | ... | 13 | 21 | 64 | 14 | ... | 18 |
| 19 | Attock ... | 497 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 3 | 3 | 6 | 1 | 2 | 19 |
| 20 | Multan ... | 12,767 | 2 | 2 | ... | 137 | ... | ... | ... | ... | ... | ... | ... | 43 | 184 | 14 | 125 | 10 | 20 |
| | Total | 196,299 | 43 | 17 | 14 | 2,691 | 162 | 331 | ... | 2 | 44 | 4 | 50 | 1,107 | 4,415 | 22 | 3,339 | 17 | |

ANNUAL FORM No. VII.

DEATHS REGISTERED FROM CHOLERA IN THE DISTRICTS OF THE PUNJAB DURING EACH MONTH OF THE YEAR 1908.

| Number. | 2 | 3 | 4 | 5 | | | | | | | | | | | | | | 6 | | | 7 | | | 8 | 9 | | |
|-------------------------|----------------|-----|-----|--------------------------|---------------------|------------|--------------------------|--|--------------------------|--|----------|-----------|--------|--------|------|-------|-------|---------|------------|----------|--|-----------|--------|-------|----|----------|--------|
| | | | | CIRCLES OF REGISTRATION. | TOWNS AND VILLAGES. | MONTHS. | | | | | | | | | | | | TOTAL. | | | RATIO OF DEATHS PER 1,000 OF POPULATION. | | | | | | |
| | | | | | | DISTRICTS. | Number in each district. | Number from which deaths from cholera were reported. | Number in each district. | Number from which deaths from cholera were reported. | January. | February. | March. | April. | May. | June. | July. | August. | September. | October. | November. | December. | Males. | | | Females. | Total. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | | |
| DELHI DIVISION. | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | Hissar ... | 27 | 11 | 972 | 12 | ... | ... | ... | ... | ... | 62 | 36 | 84 | 68 | ... | ... | ... | 121 | 129 | 250 | 0·29 | 0·35 | 0·32 | 0·18 | 1 | | |
| 2 | Rohtak ... | 15 | 3 | 502 | 29 | ... | ... | ... | ... | 65 | 217 | 161 | 11 | ... | ... | ... | ... | 269 | 185 | 454 | 0·81 | 0·62 | 0·72 | 0·03 | 2 | | |
| 3 | Gurgaon ... | 21 | 18 | 1,179 | 60 | ... | ... | ... | ... | ... | 42 | 221 | 768 | 148 | 72 | ... | ... | 626 | 625 | 1,251 | 1·60 | 1·76 | 1·68 | 0·13 | 3 | | |
| 4 | Delhi ... | 17 | 5 | 718 | 14 | ... | ... | ... | 2 | 1 | 80 | 60 | 8 | 2 | 24 | ... | ... | 115 | 62 | 177 | 0·31 | 0·20 | 0·26 | 0·13 | 4 | | |
| 5 | Karnal ... | 26 | 14 | 1,390 | 23 | ... | ... | ... | 1 | 40 | 81 | 6 | 150 | 199 | 40 | 3 | ... | 295 | 225 | 520 | 0·62 | 0·56 | 0·59 | 0·29 | 5 | | |
| 6 | Ambala ... | 19 | 8 | 1,725 | 19 | ... | ... | ... | ... | 2 | ... | ... | 54 | 112 | 5 | 2 | ... | 105 | 70 | 175 | 0·25 | 0·20 | 0·23 | 0·43 | 6 | | |
| 7 | Simla ... | 3 | 1 | 51 | 1 | ... | ... | ... | ... | ... | 1 | ... | ... | ... | ... | ... | ... | 1 | ... | 1 | 0·04 | ... | 0·03 | 0·29 | 7 | | |
| JULLUNDUR DIVISION. | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | Kangra ... | 18 | 4 | 718 | 22 | ... | ... | ... | 6 | 29 | ... | ... | 34 | 119 | ... | ... | ... | 90 | 98 | 188 | 0·23 | 0·27 | 0·25 | 0·03 | 8 | | |
| 9 | Hoshiarpur ... | 24 | 14 | 2,128 | 39 | ... | ... | ... | 3 | 6 | 14 | 43 | 21 | 101 | 6 | 16 | ... | 119 | 91 | 210 | 0·23 | 0·20 | 0·21 | 0·15 | 9 | | |
| 10 | Jullundur ... | 19 | 9 | 1,226 | 16 | ... | ... | ... | ... | 5 | 9 | 8 | 22 | 130 | 27 | ... | ... | 115 | 86 | 201 | 0·24 | 0·21 | 0·22 | 0·16 | 10 | | |
| 11 | Ludhiana ... | 15 | 14 | 869 | 37 | ... | ... | 1 | ... | 2 | 1 | 105 | 213 | 19 | ... | ... | ... | 209 | 133 | 341 | 0·56 | 0·44 | 0·51 | 0·63 | 11 | | |
| 12 | Ferozepore ... | 24 | 23 | 1,511 | 67 | ... | ... | ... | 16 | 168 | 7 | 102 | 322 | 117 | 39 | 19 | ... | 532 | 325 | 857 | 1·05 | 0·76 | 0·92 | 0·64 | 12 | | |
| LAHORE DIVISION. | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13 | Montgomery... | 19 | 9 | 1,336 | 11 | ... | ... | ... | ... | ... | 2 | 29 | 1 | ... | ... | ... | ... | 14 | 18 | 32 | 1·05 | 0·08 | 0·07 | 0·11 | 13 | | |
| 14 | Lahore ... | 31 | 28 | 1,540 | 127 | ... | ... | ... | 13 | 395 | 371 | 381 | 225 | 163 | 8 | ... | ... | 897 | 659 | 1,556 | 1·43 | 0·28 | 1·36 | 1·02 | 14 | | |
| 15 | Amritsar ... | 15 | 11 | 1,047 | 27 | ... | ... | ... | 13 | 40 | 59 | 43 | 219 | 69 | ... | ... | ... | 256 | 187 | 443 | 0·46 | 0·40 | 0·43 | 0·26 | 15 | | |
| 16 | Gurdaspur ... | 25 | 6 | 2,255 | 8 | ... | ... | ... | ... | 28 | ... | ... | 55 | 85 | 9 | ... | ... | 98 | 79 | 177 | 0·19 | 0·18 | 0·18 | 0·06 | 16 | | |
| 17 | Sialkot ... | 22 | 11 | 2,355 | 17 | ... | ... | ... | 1 | 38 | 20 | 3 | 2 | 161 | 23 | 2 | ... | 125 | 125 | 250 | 0·22 | 0·25 | 0·23 | 0·18 | 17 | | |
| 18 | Gujranwala... | 23 | 10 | 1,339 | 17 | ... | ... | ... | 6 | 72 | 21 | 51 | ... | ... | 11 | ... | ... | 90 | 71 | 161 | 0·19 | 0·18 | 0·18 | 0·12 | 18 | | |
| RAWALPINDI DIVISION. | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 19 | Gujrat ... | 14 | 7 | 1,340 | 23 | ... | ... | ... | 15 | 30 | 8 | ... | ... | 96 | ... | ... | ... | 85 | 64 | 149 | 0·22 | 0·18 | 0·20 | 0·07 | 19 | | |
| 20 | Shahpur ... | 24 | 17 | 794 | 48 | ... | ... | ... | 88 | 169 | 17 | ... | 1 | ... | ... | ... | ... | 162 | 113 | 275 | 0·59 | 0·45 | 0·52 | 0·14 | 20 | | |
| 21 | Jhelum ... | 14 | 14 | 876 | 116 | ... | ... | ... | 208 | 168 | 254 | 164 | 37 | 97 | 165 | 6 | ... | 607 | 492 | 1,099 | 2·42 | 1·99 | 2·21 | 0·05 | 21 | | |
| 22 | Rawalpindi ... | 13 | 11 | 1,195 | 145 | ... | ... | ... | 10 | 72 | 41 | 90 | 108 | 549 | 132 | ... | ... | 523 | 479 | 1,002 | 1·93 | 1·94 | 1·94 | 0·01 | 22 | | |
| 23 | Attock ... | 13 | 11 | 621 | 38 | ... | ... | ... | 5 | 48 | 90 | 285 | 10 | 20 | 11 | ... | ... | 261 | 208 | 469 | 1·09 | 0·94 | 1·02 | 0·08 | 23 | | |
| MULTAN DIVISION. | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 24 | Mianwali ... | 20 | 14 | 431 | 65 | ... | ... | ... | 24 | 244 | 312 | 104 | 30 | 24 | 6 | 8 | ... | 435 | 319 | 754 | 1·94 | 1·59 | 1·78 | 0·04 | 24 | | |
| 25 | Jhang ... | 13 | 4 | 999 | 10 | ... | ... | ... | 17 | 51 | 44 | 33 | 28 | 9 | ... | ... | ... | 120 | 62 | 182 | 0·46 | 0·27 | 0·37 | 0·02 | 25 | | |
| 26 | Lyallpur ... | 16 | 15 | 938 | 101 | ... | ... | ... | 3 | 192 | 199 | 136 | 41 | 16 | ... | ... | ... | 340 | 247 | 587 | 1·13 | 1·12 | 1·12 | 0·13 | 26 | | |
| 27 | Multan ... | 21 | 10 | 1,357 | 28 | ... | ... | ... | ... | ... | ... | 68 | 60 | 9 | 1 | ... | ... | 76 | 62 | 138 | 0·20 | 0·19 | 0·20 | 0·05 | 27 | | |
| 28 | Muzaffargarh | 18 | 1 | 704 | 4 | ... | ... | ... | 12 | 46 | ... | ... | ... | ... | ... | ... | ... | 25 | 33 | 58 | 0·11 | 0·18 | 0·14 | 0·01 | 28 | | |
| 29 | D.G. Khan ... | 22 | 6 | 718 | 37 | ... | ... | ... | ... | 55 | 111 | 26 | 16 | 41 | 73 | 18 | ... | 182 | 158 | 340 | 0·71 | 0·74 | 0·72 | 0·001 | 29 | | |
| Total for the Province. | | 551 | 309 | 32,834 | 1,161 | ... | ... | 1 | 443 | 1,966 | 2,130 | 2,155 | 2,520 | 2,354 | 654 | 74 | ... | 6,892 | 5,405 | 12,297 | 0·64 | 0·58 | 0·61 | 0·22 | | | |

ANNUAL FORM

DEATHS REGISTERED FROM SMALL-POX IN THE DISTRICTS.

| 1 | 2 | | | 3 | | 4 | | 5 | | | | | | |
|---------|------------------------|-----|-----|--------------------------|--|--------------------------|--|----------|-----------|--------|--------|-------|-------|-------|
| Number. | DISTRICTS. | | | CIRCLES OF REGISTRATION. | | TOWNS AND VILLAGES. | | MONTHS. | | | | | | |
| | | | | Number in each district. | Number from which deaths from Small-pox were reported. | Number in each district. | Number from which deaths from small-pox were reported. | January. | February. | March. | April. | May. | June. | July. |
| 1 | 2 | | | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 |
| | DELHI DIVISION. | | | | | | | | | | | | | |
| 1 | Hissar | ... | ... | 27 | 26 | 972 | 200 | 52 | 43 | 119 | 179 | 282 | 290 | 149 |
| 2 | Rohtak | ... | ... | 15 | 15 | 502 | 71 | 39 | 27 | 107 | 99 | 93 | 106 | 49 |
| 3 | Gurgaon | ... | ... | 21 | 21 | 1,179 | 193 | 98 | 68 | 126 | 161 | 147 | 93 | 60 |
| 4 | Delhi | ... | ... | 17 | 14 | 718 | 67 | 3 | 1 | 10 | 45 | 44 | 81 | 35 |
| 5 | Karnal | ... | ... | 26 | 26 | 1,390 | 403 | 63 | 37 | 106 | 168 | 193 | 347 | 159 |
| 6 | Ambala | ... | ... | 19 | 17 | 1,725 | 213 | 31 | 33 | 80 | 157 | 197 | 272 | 195 |
| 7 | Simla | ... | ... | 3 | 2 | 51 | 4 | 3 | 1 | 1 | 5 | 8 | 6 | 6 |
| | JULLUNDUR DIVISION. | | | | | | | | | | | | | |
| 8 | Kangra | ... | ... | 18 | 18 | 718 | 82 | 7 | 6 | 11 | 11 | 15 | 28 | 16 |
| 9 | Hoshiarpur | ... | ... | 24 | 22 | 2,128 | 566 | 129 | 106 | 167 | 224 | 274 | 349 | 225 |
| 10 | Jullundur | ... | ... | 19 | 16 | 1,226 | 255 | 86 | 47 | 71 | 151 | 166 | 233 | 202 |
| 11 | Ludhiana | ... | ... | 15 | 15 | 869 | 186 | 54 | 35 | 71 | 64 | 109 | 84 | 123 |
| 12 | Ferozepore | ... | ... | 24 | 24 | 1,511 | 114 | 171 | 148 | 218 | 354 | 497 | 408 | 269 |
| | LAHORE DIVISION. | | | | | | | | | | | | | |
| 13 | Montgomery | ... | ... | 19 | 19 | 1,336 | 300 | 65 | 74 | 122 | 144 | 174 | 144 | 136 |
| 14 | Lahore | ... | ... | 31 | 31 | 1,540 | 911 | 393 | 315 | 447 | 480 | 618 | 593 | 418 |
| 15 | Amritsar | ... | ... | 15 | 15 | 1,047 | 433 | 315 | 213 | 211 | 181 | 334 | 263 | 163 |
| 16 | Gurdaspur | ... | ... | 25 | 24 | 2,255 | 116 | 173 | 122 | 152 | 210 | 248 | 200 | 181 |
| 17 | Sialkot | ... | ... | 22 | 21 | 2,355 | 967 | 175 | 128 | 274 | 348 | 556 | 526 | 401 |
| 18 | Gujranwala | ... | ... | 23 | 20 | 1,339 | 70 | 25 | 15 | 26 | 33 | 62 | 82 | 89 |
| | RAWALPINDI DIVISION. | | | | | | | | | | | | | |
| 19 | Gujrat | ... | ... | 14 | 14 | 1,340 | 307 | 99 | 85 | 80 | 86 | 146 | 201 | 152 |
| 20 | Shahpur | ... | ... | 24 | 21 | 794 | 109 | 21 | 14 | 28 | 38 | 67 | 105 | 92 |
| 21 | Jhelum | ... | ... | 14 | 14 | 876 | 104 | 30 | 23 | 25 | 29 | 45 | 30 | 39 |
| 22 | Rawalpindi | ... | ... | 13 | 12 | 1,195 | 101 | 30 | 21 | 10 | 26 | 35 | 37 | 53 |
| 23 | Attock | ... | ... | 13 | 10 | 621 | 45 | 19 | 16 | 26 | 33 | 21 | 38 | 40 |
| | MULTAN DIVISION. | | | | | | | | | | | | | |
| 24 | Mianwali | ... | ... | 20 | 15 | 431 | 28 | 3 | 7 | 4 | 3 | 8 | 13 | 16 |
| 25 | Jhang | ... | ... | 13 | 11 | 999 | 161 | 34 | 30 | 56 | 69 | 62 | 68 | 40 |
| 26 | Lyallpur | ... | ... | 16 | 13 | 938 | 629 | 124 | 136 | 222 | 336 | 476 | 483 | 409 |
| 27 | Multan | ... | ... | 21 | 19 | 1,357 | 23 | 17 | 21 | 48 | 67 | 136 | 78 | 72 |
| 28 | Muzaffargarh | ... | ... | 18 | 16 | 704 | 133 | 9 | 11 | 23 | 36 | 41 | 66 | 58 |
| 29 | Dera Ghazi Khan | ... | ... | 22 | 10 | 718 | 30 | ... | 3 | 1 | ... | 3 | 3 | 21 |
| | Total for the Province | | | 551 | 501 | 32,834 | 6,821 | 2,268 | 1,786 | 2,842 | 3,737 | 5,057 | 5,227 | 3,868 |

No. VIII.

OF THE PUNJAB DURING EACH MONTH OF THE YEAR 1908.

| | | | | | 6 | | | 7 | | 8 | | | 9 | 10 |
|---------|------------|----------|-----------|-----------|--------|----------|--------|----------------------------------|------------------------------------|--|----------|--------|---|---------|
| | | | | | TOTAL. | | | NUMBER OF DEATHS AMONG CHILDREN. | | RATIO OF DEATHS PER 1,000 OF POPULATION. | | | Mean ratio per 1,000 for previous five years. | Number. |
| August. | September. | October. | November. | December. | Males. | Females. | Total. | Under one year. | Over one year and under ten years. | Males. | Females. | Total. | | |
| 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| 41 | 20 | 12 | 6 | 3 | 619 | 577 | 1,196 | 319 | 742 | 1.48 | 1.59 | 1.53 | 0.59 | 1 |
| 5 | 4 | 1 | 3 | 3 | 320 | 216 | 536 | 123 | 360 | 0.96 | 0.73 | 0.85 | 0.32 | 2 |
| 34 | 32 | 29 | 8 | 3 | 457 | 402 | 859 | 187 | 570 | 1.17 | 1.13 | 1.15 | 1.27 | 3 |
| 3 | 6 | 2 | ... | ... | 114 | 116 | 230 | 46 | 132 | 0.31 | 0.37 | 0.33 | 0.12 | 4 |
| 59 | 51 | 35 | 22 | 18 | 668 | 590 | 1,258 | 151 | 1,010 | 1.39 | 1.46 | 1.42 | 0.35 | 5 |
| 108 | 41 | 48 | 25 | 48 | 656 | 579 | 1,235 | 275 | 724 | 1.56 | 1.69 | 1.62 | 0.65 | 6 |
| 2 | ... | ... | ... | ... | 22 | 10 | 32 | 2 | 8 | 0.96 | 0.80 | 0.90 | 0.17 | 7 |
| 4 | ... | ... | 1 | ... | 64 | 35 | 99 | 12 | 10 | 0.16 | 0.10 | 0.13 | 0.02 | 8 |
| 62 | 34 | 16 | 10 | 16 | 856 | 756 | 1,612 | 385 | 679 | 1.63 | 1.63 | 1.63 | 0.30 | 9 |
| 71 | 23 | 15 | 12 | 16 | 591 | 502 | 1,093 | 290 | 575 | 1.21 | 1.21 | 1.21 | 0.38 | 10 |
| 42 | 27 | 27 | 10 | 9 | 346 | 309 | 655 | 155 | 368 | 0.94 | 1.02 | 0.97 | 0.78 | 11 |
| 112 | 95 | 63 | 42 | 29 | 1,268 | 1,138 | 2,406 | 486 | 1,428 | 2.50 | 2.68 | 2.58 | 1.03 | 12 |
| 69 | 46 | 38 | 18 | 6 | 546 | 490 | 1,036 | 238 | 656 | 2.07 | 2.18 | 2.12 | 0.83 | 13 |
| 194 | 110 | 71 | 47 | 23 | 1,927 | 1,782 | 3,709 | 839 | 2,374 | 3.06 | 3.45 | 3.24 | 0.94 | 14 |
| 76 | 46 | 29 | 13 | 5 | 975 | 874 | 1,849 | 462 | 1,130 | 1.74 | 1.88 | 1.81 | 0.57 | 15 |
| 56 | 27 | 5 | 6 | 5 | 735 | 650 | 1,385 | 363 | 709 | 1.45 | 1.51 | 1.48 | 0.23 | 16 |
| 139 | 81 | 22 | 25 | 20 | 1,412 | 1,283 | 2,695 | 617 | 1,656 | 2.50 | 2.53 | 2.52 | 0.46 | 17 |
| 10 | 9 | 2 | 1 | ... | 185 | 169 | 354 | 84 | 188 | 0.38 | 0.42 | 0.40 | 0.35 | 18 |
| 59 | 21 | 7 | 6 | 5 | 462 | 485 | 947 | 266 | 505 | 1.19 | 1.34 | 1.26 | 0.46 | 19 |
| 35 | 19 | 10 | 5 | 22 | 229 | 227 | 456 | 78 | 309 | 0.83 | 0.90 | 0.87 | 0.31 | 20 |
| 20 | 2 | 2 | 1 | 8 | 139 | 115 | 254 | 61 | 106 | 0.55 | 0.46 | 0.51 | 0.71 | 21 |
| 18 | 12 | 4 | 6 | 8 | 128 | 132 | 260 | 48 | 152 | 0.47 | 0.53 | 0.50 | 0.56 | 22 |
| 26 | 19 | 17 | 39 | 46 | 179 | 161 | 340 | 83 | 215 | 0.75 | 0.73 | 0.74 | 1.05 | 23 |
| 15 | 19 | 27 | 30 | 28 | 94 | 79 | 173 | 40 | 97 | 0.42 | 0.39 | 0.41 | 0.34 | 24 |
| 25 | 5 | 2 | 4 | 4 | 200 | 199 | 399 | 104 | 218 | 0.76 | 0.87 | 0.81 | 0.53 | 25 |
| 202 | 111 | 40 | 53 | 41 | 1,359 | 1,274 | 2,633 | 625 | 1,533 | 4.50 | 5.79 | 5.04 | 0.75 | 26 |
| 49 | 23 | 26 | 11 | 16 | 307 | 257 | 564 | 101 | 338 | 0.81 | 0.81 | 0.81 | 0.56 | 27 |
| 40 | 21 | 12 | 16 | 14 | 197 | 150 | 347 | 55 | 148 | 0.89 | 0.81 | 0.86 | 0.41 | 28 |
| 4 | ... | ... | 2 | 3 | 19 | 21 | 40 | 4 | 25 | 0.07 | 0.10 | 0.09 | 0.30 | 29 |
| 1,580 | 904 | 562 | 422 | 399 | 15,074 | 13,578 | 28,652 | 6,499 | 16,965 | 1.40 | 1.46 | 1.42 | 0.54 | |

DEATHS REGISTERED FROM FEVERS IN THE DISTRICTS

| 1 | 2 | 3 | 4 | 5 | | | | | | | |
|---------|----------------------------|-------------------------------|--|-------------------------------|---|----------|-----------|--------|--------|--------|--------|
| Number. | Districts. | CIRCLES OF REGIS- TRATION. | | TOWNS AND VILL- AGES. | | MONTHS. | | | | | |
| | | Number in each dis- trict. | Number from which deaths from fevers were re-p-rted. | Number in each dis- trict. | Number from which deaths from fevers were reported. | January. | February. | March. | April. | May. | June. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| | DELHI DIVISION. | | | | | | | | | | |
| 1 | Hissar | 27 | 27 | 972 | 972 | 2,382 | 1,450 | 1,635 | 1,567 | 1,650 | 1,591 |
| 2 | Rohtak | 15 | 15 | 502 | 480 | 2,082 | 843 | 1,087 | 736 | 864 | 1,061 |
| 3 | Gurgaon | 21 | 21 | 1,179 | 1,179 | 1,751 | 1,336 | 1,470 | 1,100 | 948 | 916 |
| 4 | Delhi | 17 | 17 | 718 | 718 | 2,015 | 1,083 | 1,169 | 1,645 | 1,376 | 1,423 |
| 5 | Karnal | 26 | 26 | 1,390 | 1,390 | 2,838 | 1,829 | 1,830 | 1,323 | 1,473 | 1,730 |
| 6 | Ambala... .. | 19 | 19 | 1,725 | 1,701 | 1,830 | 1,067 | 907 | 794 | 833 | 909 |
| 7 | Simla | 3 | 3 | 51 | 47 | 27 | 30 | 40 | 32 | 63 | 33 |
| | JULLUNDUR DIVSI ON. | | | | | | | | | | |
| 8 | Kangra | 18 | 18 | 718 | 427 | 1,707 | 1,275 | 1,185 | 1,303 | 1,297 | 1,500 |
| 9 | Hoshiarpur | 24 | 24 | 2,128 | 1,810 | 1,812 | 1,136 | 1,479 | 1,338 | 1,696 | 1,442 |
| 10 | Jullundur | 19 | 19 | 1,226 | 1,178 | 1,450 | 708 | 682 | 901 | 896 | 11,029 |
| 11 | Ludhiana | 15 | 15 | 869 | 845 | 1,245 | 610 | 681 | 511 | 539 | 591 |
| 12 | Ferozepore | 24 | 24 | 1,511 | 1,414 | 2,256 | 1,236 | 1,335 | 1,271 | 1,359 | 1,112 |
| | LAHORE DIVISION. | | | | | | | | | | |
| 13 | Montgomery | 19 | 19 | 1,336 | 1,230 | 981 | 601 | 551 | 419 | 562 | 466 |
| 14 | Lahore | 31 | 31 | 1,540 | 1,53 | 2,177 | 1,385 | 1,481 | 1,442 | 2,006 | 1,881 |
| 15 | Amritsar... .. | 15 | 15 | 1,047 | 1,047 | 1,742 | 1,034 | 1,188 | 1,332 | 1,881 | 1,611 |
| 16 | Gurdaspur | 25 | 25 | 2,255 | 2,171 | 1,475 | 962 | 1,030 | 935 | 1,363 | 1,185 |
| 17 | Sialkot... .. | 22 | 22 | 2,355 | 2,300 | 1,446 | 874 | 900 | 783 | 1,378 | 1,130 |
| 18 | Gujranwala | 23 | 23 | 1,339 | 1,339 | 1,444 | 751 | 820 | 914 | 1,141 | 965 |
| | RAWALPINDI DIVISION. | | | | | | | | | | |
| 19 | Gujrat | 14 | 14 | 1,340 | 1,309 | 1,226 | 801 | 680 | 624 | 763 | 796 |
| 20 | Shahpur | 24 | 24 | 794 | 794 | 1,224 | 712 | 678 | 547 | 702 | 711 |
| 21 | Jhelum... .. | 14 | 14 | 876 | 876 | 1,126 | 973 | 642 | 497 | 675 | 548 |
| 22 | Rawalpindi | 13 | 13 | 1,195 | 1,195 | 1,987 | 1,369 | 1,101 | 696 | 849 | 807 |
| 23 | Attock | 13 | 13 | 621 | 618 | 1,896 | 1,178 | 922 | 728 | 796 | 657 |
| | MULTAN DIVISION. | | | | | | | | | | |
| 24 | Mianwali | 20 | 20 | 431 | 417 | 1,343 | 817 | 863 | 711 | 926 | 753 |
| 25 | Jhang | 13 | 13 | 999 | 798 | 1,012 | 628 | 654 | 546 | 669 | 572 |
| 26 | Lyallpur | 16 | 16 | 938 | 911 | 1,343 | 934 | 1,020 | 909 | 1,418 | 1,185 |
| 27 | Multan | 21 | 21 | 1,357 | 1,357 | 1,667 | 1,295 | 998 | 921 | 1,488 | 978 |
| 28 | Muzaffargarh | 18 | 18 | 704 | 704 | 1,115 | 809 | 765 | 657 | 827 | 688 |
| 29 | Dera Ghazi Khan | 22 | 22 | 718 | 63 | 1,093 | 706 | 621 | 565 | 832 | 679 |
| | Total for the Province ... | 551 | 551 | 32,834 | 31,388 | 45,692 | 28,432 | 28,414 | 25,747 | 31,270 | 28,949 |

No. IX.

OF THE PUNJAB DURING EACH MONTH OF THE YEAR 1908.

| | | | | | | 6 | | | 7 | | | 8 | 9 |
|--------|---------|------------|----------|-----------|-----------|---------|----------|---------|---|----------|--------|--|---------|
| | | | | | | TOTAL. | | | RATIO OF DEATHS PER 1,000 OF POPULATION. | | | Mean ratio per 1,000 for previous five years. | Number. |
| July. | August. | September. | October. | November. | December. | Males. | Females. | Total. | Males. | Females. | Total. | | |
| 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 |
| 1,094 | 1,589 | 6,404 | 8,227 | 4,241 | 2,664 | 17,159 | 17,335 | 34,494 | 41·03 | 47·68 | 44·13 | 23·22 | 1 |
| 965 | 1,017 | 3,687 | 8,333 | 3,872 | 2,721 | 13,784 | 13,484 | 27,268 | 41·37 | 45·33 | 43·24 | 20·87 | 2 |
| 633 | 1,129 | 4,890 | 11,990 | 7,695 | 3,963 | 18,568 | 19,253 | 37,821 | 47·56 | 54·12 | 50·68 | 22·85 | 3 |
| 1,054 | 1,174 | 5,506 | 9,091 | 6,301 | 4,404 | 17,725 | 18,516 | 36,241 | 47·89 | 58·43 | 52·75 | 28·13 | 4 |
| 953 | 1,251 | 4,312 | 6,718 | 5,701 | 3,772 | 17,022 | 16,708 | 33,730 | 35·54 | 41·33 | 38·19 | 26·68 | 5 |
| 635 | 660 | 2,133 | 4,348 | 3,295 | 2,128 | 9,847 | 9,692 | 19,539 | 23·46 | 28·21 | 25·60 | 21·26 | 6 |
| 38 | 48 | 37 | 33 | 37 | 24 | 255 | 187 | 442 | 11·08 | 14·88 | 12·42 | 7·12 | 7 |
| 1,082 | 1,234 | 2,769 | 2,298 | 1,595 | 1,548 | 9,399 | 9,395 | 18,794 | 23·71 | 25·53 | 24·59 | 18·98 | 8 |
| 1,208 | 1,245 | 4,139 | 7,056 | 4,476 | 3,000 | 14,774 | 15,253 | 30,027 | 28·10 | 32·88 | 30·34 | 18·04 | 9 |
| 830 | 1,000 | 2,268 | 5,846 | 4,365 | 2,038 | 10,749 | 11,264 | 22,013 | 22·01 | 27·08 | 24·34 | 16·46 | 10 |
| 624 | 800 | 2,124 | 4,760 | 3,264 | 1,783 | 8,789 | 8,743 | 17,532 | 23·81 | 28·77 | 26·05 | 15·45 | 11 |
| 923 | 1,084 | 2,490 | 6,277 | 5,490 | 3,251 | 14,178 | 13,906 | 28,084 | 27·95 | 32·72 | 30·13 | 20·91 | 12 |
| 409 | 446 | 1,441 | 5,047 | 4,820 | 2,856 | 9,006 | 9,593 | 18,599 | 34·20 | 42·71 | 38·12 | 13·92 | 13 |
| 1,327 | 1,320 | 3,065 | 10,769 | 9,403 | 6,292 | 21,546 | 21,002 | 42,548 | 34·23 | 40·65 | 37·13 | 17·67 | 14 |
| 1,221 | 1,478 | 3,405 | 12,043 | 12,100 | 6,068 | 22,825 | 22,278 | 45,103 | 40·84 | 48·06 | 44·11 | 22·48 | 15 |
| 946 | 993 | 2,323 | 5,314 | 4,481 | 2,381 | 11,644 | 11,744 | 23,388 | 22·94 | 27·36 | 24·97 | 20·92 | 16 |
| 952 | 1,077 | 3,333 | 10,857 | 9,268 | 4,232 | 17,922 | 18,308 | 36,230 | 31·71 | 36·17 | 33·82 | 21·14 | 17 |
| 1,055 | 741 | 1,328 | 7,974 | 7,432 | 4,752 | 15,019 | 14,298 | 29,317 | 30·95 | 35·28 | 32·92 | 16·93 | 18 |
| 703 | 972 | 2,884 | 9,994 | 6,953 | 3,290 | 14,704 | 14,982 | 29,686 | 37·76 | 41·48 | 39·55 | 16·60 | 19 |
| 504 | 511 | 1,024 | 5,499 | 5,763 | 3,591 | 10,663 | 10,803 | 21,466 | 39·04 | 43·02 | 40·95 | 19·54 | 20 |
| 485 | 735 | 1,160 | 5,467 | 4,282 | 1,428 | 8,797 | 9,221 | 18,018 | 35·08 | 37·27 | 36·17 | 20·34 | 21 |
| 698 | 885 | 1,893 | 2,721 | 2,137 | 1,675 | 8,572 | 8,246 | 16,818 | 31·65 | 33·40 | 32·48 | 24·61 | 22 |
| 559 | 711 | 1,135 | 2,137 | 2,291 | 1,734 | 7,266 | 7,478 | 14,744 | 30·28 | 33·85 | 31·99 | 25·06 | 23 |
| 547 | 453 | 830 | 2,046 | 2,096 | 1,581 | 6,463 | 6,503 | 12,966 | 28·85 | 32·42 | 30·54 | 25·70 | 24 |
| 441 | 404 | 931 | 3,106 | 3,995 | 2,790 | 7,702 | 8,046 | 15,748 | 29·34 | 35·33 | 32·12 | 15·81 | 25 |
| 888 | 861 | 1,166 | 2,151 | 2,826 | 2,159 | 8,464 | 8,396 | 16,860 | 28·02 | 38·15 | 32·29 | 21·08 | 26 |
| 855 | 918 | 1,161 | 4,509 | 5,265 | 3,567 | 11,725 | 11,897 | 23,622 | 30·87 | 37·40 | 33·85 | 20·61 | 27 |
| 545 | 476 | 911 | 2,202 | 2,555 | 1,834 | 6,767 | 6,617 | 13,384 | 30·73 | 35·68 | 32·99 | 24·96 | 28 |
| 622 | 438 | 679 | 2,341 | 2,162 | 1,838 | 6,494 | 6,082 | 12,576 | 25·42 | 28·35 | 26·76 | 22·29 | 29 |
| 22,796 | 25,650 | 69,428 | 162,155 | 138,161 | 83,364 | 347,828 | 349,230 | 697,058 | 32·21 | 37·51 | 34·66 | 10·60 | |

DEATHS REGISTERED FROM DYSENTERY AND DIARRHOEA IN THE

| 1 | 2 | 3 | 4 | 5 | | | | | | | |
|-----|----------------------------|--------------------------|--|--------------------------|--|----------|-----------|--------|--------|-------|-------|
| No. | DISTRICTS. | CIRCLES OF REGISTRATION. | | TOWNS AND VILLAGES. | | MONTHS. | | | | | |
| | | Number in each district. | Number from which deaths from dysentery and diarrhoea were reported. | Number in each district. | Number from which deaths from dysentery and diarrhoea were reported. | January. | February. | March. | April. | May. | June. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| | DELHI DIVISION. | | | | | | | | | | |
| 1 | Hissar | 27 | 25 | 972 | 120 | 33 | 23 | 27 | 28 | 27 | 53 |
| 2 | Rohtak | 15 | 15 | 502 | 480 | 38 | 11 | 14 | 11 | 53 | 22 |
| 3 | Gurgaon | 21 | 21 | 1,179 | 532 | 55 | 36 | 60 | 65 | 54 | 59 |
| 4 | Delhi | 17 | 14 | 718 | 214 | 22 | 13 | 17 | 29 | 26 | 33 |
| 5 | Karnal | 26 | 26 | 1,390 | 276 | 44 | 31 | 22 | 27 | 42 | 48 |
| 6 | Umballa | 19 | 19 | 1,725 | 837 | 65 | 22 | 56 | 57 | 80 | 75 |
| 7 | Simla | 3 | 3 | 51 | 32 | 2 | 6 | 4 | 2 | 8 | 11 |
| | JULLUNDUR DIVISION. | | | | | | | | | | |
| 8 | Kangra | 18 | 18 | 718 | 139 | 118 | 47 | 54 | 109 | 137 | 121 |
| 9 | Hoshiarpur | 24 | 22 | 2,128 | 76 | 9 | 4 | 12 | 12 | 12 | 5 |
| 10 | Jullundur | 19 | 19 | 1,226 | 194 | 30 | 18 | 23 | 63 | 61 | 37 |
| 11 | Ludhiana | 15 | 14 | 869 | 113 | 9 | 12 | 6 | 7 | 18 | 13 |
| 12 | Ferozepore | 24 | 24 | 1,511 | 166 | 52 | 22 | 22 | 41 | 43 | 24 |
| | LAHORE DIVISION. | | | | | | | | | | |
| 13 | Montgomery | 19 | 19 | 1,336 | 95 | 29 | 16 | 12 | 19 | 23 | 14 |
| 14 | Lahore | 31 | 31 | 1,540 | 658 | 59 | 41 | 48 | 61 | 95 | 72 |
| 15 | Amritsar | 15 | 15 | 1,047 | 312 | 41 | 28 | 42 | 71 | 80 | 50 |
| 16 | Gurdaspur | 25 | 25 | 2,255 | 688 | 49 | 26 | 20 | 35 | 113 | 55 |
| 17 | Sialkot | 22 | 22 | 2,355 | 736 | 37 | 30 | 31 | 41 | 131 | 98 |
| 18 | Gujranwala | 23 | 21 | 1,339 | 60 | 14 | 7 | 8 | 12 | 25 | 27 |
| | RAWALPINDI DIVISION. | | | | | | | | | | |
| 19 | Gujrat | 14 | 14 | 1,340 | 217 | 36 | 12 | 11 | 34 | 35 | 18 |
| 20 | Shahpur | 24 | 22 | 794 | 197 | 20 | 15 | 15 | 20 | 24 | 34 |
| 21 | Jhelam | 14 | 14 | 876 | 101 | 11 | 15 | 9 | 45 | 91 | 28 |
| 22 | Rawalpindi | 13 | 13 | 1,195 | 480 | 104 | 145 | 102 | 69 | 92 | 75 |
| 23 | Attock | 13 | 13 | 621 | 48 | 7 | 5 | 8 | 10 | 24 | 11 |
| | MULTAN DIVISION. | | | | | | | | | | |
| 24 | Mianwali | 20 | 20 | 431 | 106 | 18 | 14 | 20 | 21 | 37 | 21 |
| 25 | Jhang | 13 | 13 | 999 | 113 | 72 | 64 | 56 | 68 | 160 | 83 |
| 26 | Lyallpur | 16 | 16 | 938 | 304 | 26 | 23 | 25 | 31 | 77 | 58 |
| 27 | Multan | 21 | 20 | 1,357 | 57 | 23 | 24 | 22 | 18 | 37 | 20 |
| 28 | Muzaffargarh | 18 | 18 | 704 | 92 | 4 | 4 | 4 | 4 | 14 | 8 |
| 29 | Dera Ghazi Khan | 22 | 21 | 718 | 103 | 16 | 8 | 14 | 11 | 18 | 9 |
| | Total for the Province ... | 551 | 537 | 32,834 | 7,546 | 1,043 | 722 | 764 | 1,021 | 1,627 | 1,182 |

No. X.

DISTRICTS OF THE PUNJAB DURING EACH MONTH OF THE YEAR 1908.

| | | | | | | 6 | | | 7 | | | 8 | 9 |
|-------|---------|------------|----------|-----------|-----------|--------|----------|--------|---|----------|--------|--|---------|
| | | | | | | TOTAL. | | | RATIO OF DEATHS PER 1,000 OF POPULATION. | | | Mean ratio per 1,000 for previ- ous five years. | Number. |
| July. | August. | September. | October. | November. | December. | Males. | Females. | Total. | Males. | Females. | Total. | | |
| 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 |
| 41 | 78 | 199 | 121 | 73 | 39 | 407 | 335 | 742 | 0·97 | 0·92 | 0·95 | 0·50 | 1 |
| 41 | 54 | 202 | 252 | 106 | 85 | 474 | 415 | 889 | 1·42 | 1·40 | 1·41 | 0·47 | 2 |
| 43 | 107 | 292 | 743 | 523 | 282 | 1,224 | 1,095 | 2,319 | 3·13 | 3·08 | 3·11 | 1·16 | 3 |
| 22 | 62 | 129 | 135 | 117 | 90 | 381 | 314 | 695 | 1·03 | 0·99 | 1·01 | 0·91 | 4 |
| 36 | 66 | 142 | 178 | 195 | 125 | 535 | 421 | 956 | 1·12 | 1·04 | 1·08 | 0·64 | 5 |
| 64 | 77 | 136 | 264 | 288 | 189 | 795 | 578 | 1,373 | 1·89 | 1·68 | 1·80 | 1·70 | 6 |
| 14 | 3 | 4 | 9 | 9 | 7 | 47 | 32 | 79 | 2·04 | 2·55 | 2·22 | 1·55 | 7 |
| 60 | 51 | 224 | 128 | 81 | 67 | 617 | 580 | 1,197 | 1·56 | 1·58 | 1·57 | 1·16 | 8 |
| 7 | 11 | 38 | 22 | 17 | 12 | 84 | 77 | 161 | 0·16 | 0·17 | 0·16 | 0·62 | 9 |
| 41 | 57 | 110 | 141 | 84 | 63 | 399 | 319 | 718 | 0·82 | 0·77 | 0·79 | 0·82 | 10 |
| 15 | 33 | 47 | 52 | 46 | 19 | 146 | 129 | 277 | 0·40 | 0·42 | 0·41 | 0·47 | 11 |
| 31 | 98 | 122 | 168 | 115 | 73 | 483 | 328 | 811 | 0·95 | 0·77 | 0·87 | 0·44 | 12 |
| 5 | 2 | 18 | 22 | 28 | 37 | 152 | 83 | 235 | 0·58 | 0·37 | 0·48 | 0·33 | 13 |
| 49 | 63 | 91 | 119 | 122 | 156 | 593 | 383 | 976 | 0·94 | 0·74 | 0·85 | 0·56 | 14 |
| 56 | 95 | 120 | 266 | 355 | 298 | 887 | 615 | 1,502 | 1·59 | 1·33 | 1·47 | 0·82 | 15 |
| 51 | 70 | 181 | 286 | 269 | 131 | 709 | 577 | 1,286 | 1·40 | 1·34 | 1·37 | 1·12 | 16 |
| 62 | 90 | 177 | 385 | 264 | 101 | 777 | 670 | 1,447 | 1·37 | 1·32 | 1·35 | 0·85 | 17 |
| 21 | 17 | 35 | 43 | 32 | 20 | 158 | 103 | 261 | 0·33 | 0·25 | 0·29 | 0·26 | 18 |
| 13 | 41 | 96 | 166 | 105 | 43 | 353 | 257 | 610 | 0·91 | 0·71 | 0·81 | 0·46 | 19 |
| 19 | 20 | 35 | 32 | 33 | 26 | 177 | 116 | 293 | 0·65 | 0·46 | 0·56 | 0·60 | 20 |
| 12 | 33 | 40 | 55 | 34 | 25 | 237 | 161 | 398 | 0·95 | 0·65 | 0·80 | 1·14 | 21 |
| 51 | 79 | 175 | 248 | 179 | 78 | 760 | 637 | 1,397 | 2·81 | 2·58 | 2·70 | 1·70 | 22 |
| 7 | 8 | 6 | 9 | 11 | 6 | 66 | 46 | 112 | 0·28 | 0·21 | 0·24 | 0·33 | 23 |
| 23 | 27 | 28 | 39 | 40 | 29 | 191 | 126 | 317 | 0·85 | 0·63 | 0·75 | 0·73 | 24 |
| 69 | 41 | 61 | 91 | 78 | 59 | 523 | 379 | 902 | 1·99 | 1·66 | 1·84 | 1·27 | 25 |
| 49 | 33 | 36 | 32 | 40 | 36 | 264 | 208 | 472 | 0·87 | 0·95 | 0·90 | 0·58 | 26 |
| 17 | 39 | 35 | 55 | 57 | 43 | 242 | 148 | 390 | 0·64 | 0·47 | 0·56 | 0·45 | 27 |
| 8 | 7 | 12 | 8 | 9 | 21 | 59 | 44 | 103 | 0·27 | 0·23 | 0·25 | 0·27 | 28 |
| 6 | 7 | 15 | 28 | 32 | 21 | 109 | 76 | 185 | 0·43 | 0·35 | 0·39 | 0·37 | 29 |
| 933 | 1,379 | 2,806 | 4,097 | 3,348 | 2,181 | 11,851 | 9,254 | 21,105 | 1·10 | 0·99 | 1·05 | 0·75 | |

ANNUAL FORM

DEATHS REGISTERED FROM RESPIRATORY DISEASES IN THE DISTRICTS

| 1 | 2 | 3 | 4 | 5 | | | | | | | |
|----------------------------|------------------------|--------------------------|---|--------------------------|---|----------|-----------|--------|--------|-------|-------|
| No. | DISTRICTS. | CIRCLE OF REGISTRATION. | | TOWNS AND VILLAGES. | | MONTHS. | | | | | |
| | | Number in each district. | Number from which deaths from respiratory diseases were reported. | Number in each district. | Number from which deaths from respiratory diseases were reported. | January. | February. | March. | April. | May. | June. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| DELHI DIVISION. | | | | | | | | | | | |
| 1 | Hissar | 27 | 27 | 972 | 248 | 341 | 143 | 190 | 101 | 74 | 82 |
| 2 | Rohtak | 15 | 15 | 502 | 470 | 264 | 126 | 126 | 71 | 90 | 46 |
| 3 | Gurgaon | 21 | 21 | 1,179 | 271 | 200 | 97 | 140 | 82 | 102 | 88 |
| 4 | Delhi | 17 | 17 | 718 | 718 | 745 | 379 | 385 | 517 | 439 | 537 |
| 5 | Karnal | 26 | 26 | 1,390 | 473 | 470 | 271 | 322 | 217 | 150 | 184 |
| 6 | Ambala | 19 | 19 | 1,725 | 1,302 | 954 | 445 | 389 | 247 | 236 | 218 |
| 7 | Simla | 3 | 3 | 51 | 41 | 21 | 15 | 18 | 8 | 7 | 6 |
| JULLUNDUR DIVISION. | | | | | | | | | | | |
| 8 | Kangra | 18 | 18 | 718 | 248 | 358 | 244 | 212 | 233 | 152 | 91 |
| 9 | Hoshiarpur | 24 | 24 | 2,128 | 959 | 888 | 668 | 337 | 200 | 189 | 128 |
| 10 | Jullundur | 19 | 19 | 1,226 | 602 | 576 | 422 | 417 | 394 | 267 | 265 |
| 11 | Ludhiana | 15 | 15 | 869 | 226 | 298 | 162 | 472 | 275 | 395 | 267 |
| 12 | Ferozepore | 24 | 24 | 1,511 | 185 | 283 | 171 | 161 | 133 | 115 | 91 |
| LAHORE DIVISION. | | | | | | | | | | | |
| 13 | Montgomery | 19 | 19 | 1,336 | 175 | 38 | 36 | 29 | 22 | 16 | 25 |
| 14 | Lahore | 31 | 31 | 1,540 | 327 | 246 | 162 | 200 | 147 | 173 | 158 |
| 15 | Amritsar | 15 | 15 | 1,047 | 527 | 349 | 244 | 245 | 233 | 261 | 207 |
| 16 | Gurdaspur | 25 | 25 | 2,255 | 2,185 | 857 | 642 | 734 | 575 | 611 | 547 |
| 17 | Sialkot | 22 | 22 | 2,355 | 1,314 | 487 | 433 | 400 | 281 | 449 | 357 |
| 18 | Gujranwala | 23 | 23 | 1,339 | 130 | 97 | 59 | 69 | 78 | 103 | 71 |
| RAWALPINDI DIVISION. | | | | | | | | | | | |
| 19 | Gujrat | 14 | 14 | 1,340 | 715 | 284 | 204 | 201 | 132 | 183 | 131 |
| 20 | Shahpur | 24 | 22 | 794 | 142 | 88 | 45 | 45 | 48 | 43 | 32 |
| 21 | Jhelum | 14 | 14 | 876 | 212 | 131 | 119 | 93 | 66 | 91 | 56 |
| 22 | Rawalpindi | 13 | 13 | 1,195 | 147 | 137 | 88 | 76 | 61 | 36 | 44 |
| 23 | Attock | 13 | 13 | 621 | 112 | 37 | 28 | 28 | 26 | 33 | 39 |
| MULTAN DIVISION. | | | | | | | | | | | |
| 24 | Mianwali | 20 | 20 | 431 | 103 | 40 | 29 | 16 | 14 | 28 | 23 |
| 25 | Jhang | 13 | 12 | 999 | 191 | 229 | 154 | 96 | 49 | 25 | 15 |
| 26 | Lyallpur | 16 | 16 | 938 | 560 | 112 | 62 | 88 | 52 | 62 | 49 |
| 27 | Multan | 21 | 18 | 1,357 | 39 | 54 | 39 | 37 | 24 | 46 | 26 |
| 28 | Muzaffargarh | 18 | 15 | 704 | 41 | 10 | 6 | 6 | 4 | 5 | 2 |
| 29 | Dera Ghazi Khan | 22 | 21 | 718 | 95 | 65 | 42 | 31 | 32 | 52 | 24 |
| Total for the Province ... | | 551 | 541 | 32,834 | 12,758 | 8,659 | 5,535 | 5,563 | 4,322 | 4,433 | 3,809 |

No. XI.

OF THE PUNJAB DURING EACH MONTH OF THE YEAR 1908.

| | | | | | | 6 | | | 7 | | | 8 | 9 |
|-------|---------|------------|----------|-----------|-----------|--------|----------|--------|--|----------|--------|---|---------|
| | | | | | | TOTAL. | | | RATIO OF DEATHS PER 1,000 OF POPULATION. | | | Mean ratio per 1,000 for previous five years. | Number. |
| July | August. | September. | October. | November. | December. | Males. | Females. | Total. | Males. | Females. | Total. | | |
| 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 |
| 62 | 63 | 34 | 49 | 38 | 38 | 693 | 522 | 1,215 | 1·66 | 1·44 | 1·55 | 1·30 | 1 |
| 79 | 78 | 142 | 178 | 81 | 139 | 760 | 660 | 1,420 | 2·28 | 2·22 | 2·25 | 1·33 | 2 |
| 71 | 101 | 226 | 198 | 186 | 158 | 827 | 822 | 1,649 | 2·12 | 2·31 | 2·21 | 1·39 | 3 |
| 460 | 576 | 1,673 | 1,499 | 934 | 737 | 4,661 | 4,220 | 8,881 | 12·59 | 13·32 | 12·93 | 5·20 | 4 |
| 129 | 142 | 217 | 191 | 286 | 316 | 1,513 | 1,382 | 2,895 | 3·16 | 3·42 | 3·28 | 2·34 | 5 |
| 152 | 175 | 334 | 520 | 529 | 563 | 2,501 | 2,261 | 4,762 | 5·96 | 6·58 | 6·24 | 6·66 | 6 |
| 4 | 6 | 3 | 9 | ... | 19 | 55 | 61 | 116 | 2·39 | 4·85 | 3·26 | 6·08 | 7 |
| 64 | 67 | 134 | 105 | 91 | 195 | 1,021 | 925 | 1,946 | 2·58 | 2·51 | 2·55 | 2·65 | 8 |
| 126 | 122 | 240 | 208 | 184 | 222 | 1,989 | 1,523 | 3,512 | 3·78 | 3·28 | 3·55 | 6·35 | 9 |
| 273 | 290 | 459 | 572 | 417 | 336 | 2,450 | 2,238 | 4,688 | 5·02 | 5·38 | 5·18 | 5·51 | 10 |
| 465 | 584 | 435 | 157 | 115 | 106 | 1,885 | 1,846 | 3,731 | 5·11 | 6·07 | 5·54 | 3·07 | 11 |
| 65 | 109 | 78 | 121 | 131 | 169 | 934 | 693 | 1,627 | 1·84 | 1·63 | 1·75 | 1·73 | 12 |
| 13 | 11 | 16 | 12 | 17 | 28 | 158 | 105 | 263 | 0·60 | 0·47 | 0·54 | 0·50 | 13 |
| 122 | 142 | 140 | 154 | 133 | 164 | 1,075 | 866 | 1,941 | 1·71 | 1·68 | 1·69 | 2·34 | 14 |
| 192 | 232 | 246 | 303 | 242 | 246 | 1,540 | 1,460 | 3,000 | 2·76 | 3·15 | 2·93 | 3·16 | 15 |
| 500 | 572 | 944 | 1,586 | 1,288 | 914 | 5,297 | 4,473 | 9,770 | 10·44 | 10·42 | 10·43 | 11·38 | 16 |
| 305 | 361 | 539 | 891 | 572 | 404 | 2,808 | 2,671 | 5,479 | 4·97 | 5·28 | 5·11 | 5·09 | 17 |
| 65 | 56 | 50 | 67 | 28 | 47 | 420 | 370 | 790 | 0·87 | 0·91 | 0·89 | 1·11 | 18 |
| 127 | 138 | 189 | 209 | 141 | 116 | 1,033 | 1,022 | 2,055 | 2·65 | 2·83 | 2·74 | 3·25 | 19 |
| 27 | 32 | 14 | 12 | 6 | 5 | 222 | 175 | 397 | 0·81 | 0·70 | 0·76 | 1·12 | 20 |
| 39 | 66 | 62 | 66 | 38 | 19 | 447 | 399 | 846 | 1·78 | 1·61 | 1·70 | 1·47 | 21 |
| 48 | 60 | 64 | 63 | 63 | 61 | 454 | 347 | 801 | 1·68 | 1·41 | 1·55 | 1·36 | 22 |
| 32 | 25 | 28 | 37 | 30 | 24 | 181 | 186 | 367 | 0·75 | 0·84 | 0·80 | 0·82 | 23 |
| 25 | 17 | 11 | 24 | 21 | 29 | 160 | 117 | 277 | 0·71 | 0·58 | 0·65 | 0·55 | 24 |
| 18 | 13 | 13 | 19 | 40 | 104 | 450 | 325 | 775 | 1·71 | 1·43 | 1·58 | 0·86 | 25 |
| 37 | 44 | 34 | 55 | 46 | 60 | 339 | 312 | 701 | 1·29 | 1·42 | 1·34 | 0·90 | 26 |
| 21 | 28 | 15 | 35 | 25 | 14 | 194 | 170 | 364 | 0·51 | 0·53 | 0·52 | 0·45 | 27 |
| 3 | 3 | 3 | 4 | 2 | 2 | 28 | 22 | 50 | 0·13 | 0·12 | 0·12 | 0·64 | 28 |
| 33 | 26 | 15 | 33 | 35 | 38 | 253 | 173 | 426 | 0·99 | 0·81 | 0·91 | 0·64 | 29 |
| 3,557 | 4,139 | 6,358 | 7,317 | 5,719 | 5,273 | 34,398 | 30,346 | 64,744 | 3·19 | 3·26 | 3·22 | 3·03 | |

ANNUAL FORM

DEATHS REGISTERED FROM PLAGUE IN THE DISTRICTS

| 1 | 2 | 3 | | 4 | | 5 | | | | | |
|---------|----------------------------|--------------------------|---|--------------------------|---|----------|-----------|--------|--------|-------|-------|
| Number. | DISTRICTS. | CIRCLES OF REGISTRATION. | | TOWNS AND VILLAGES. | | MONTHS. | | | | | |
| | | Number in each district. | Number from which deaths from plague were reported. | Number in each district. | Number from which deaths from plague were reported. | January. | February. | March. | April. | May. | June. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| | DELHI DIVISION. | | | | | | | | | | |
| 1 | Hissar | 27 | 12 | 972 | 47 | 55 | 105 | 171 | 124 | 57 | 3 |
| 2 | Rohtak | 15 | 11 | 502 | 95 | 175 | 309 | 577 | 421 | 100 | 13 |
| 3 | Gurgaon | 21 | 11 | 1,179 | 108 | 205 | 763 | 2,102 | 1,537 | 356 | 27 |
| 4 | Delhi | 17 | 7 | 718 | 36 | 151 | 448 | 735 | 622 | 132 | 6 |
| 5 | Karnal | 26 | 24 | 1,390 | 74 | 113 | 255 | 821 | 1,022 | 329 | 83 |
| 6 | Ambala | 19 | 14 | 1,725 | 42 | 19 | 20 | 148 | 237 | 105 | 9 |
| 7 | Simla | 3 | ... | 51 | ... | ... | ... | ... | ... | ... | ... |
| | JULLUNDUR DIVISION. | | | | | | | | | | |
| 8 | Kangra | 18 | ... | 718 | ... | ... | ... | ... | ... | ... | ... |
| 9 | Hoshiarpur | 24 | 17 | 2,128 | 139 | 48 | 137 | 191 | 254 | 184 | 41 |
| 10 | Jullundur | 19 | 4 | 1,226 | 14 | ... | 3 | 10 | 29 | 16 | 3 |
| 11 | Ludhiana | 15 | 15 | 869 | 199 | 23 | 201 | 772 | 1,680 | 1,035 | 181 |
| 12 | Ferozepore | 24 | 14 | 1,511 | 160 | 11 | 69 | 249 | 1,091 | 507 | 34 |
| | LAHORE DIVISION. | | | | | | | | | | |
| 13 | Montgomery | 19 | 16 | 1,336 | 150 | 62 | 108 | 291 | 167 | 88 | 21 |
| 14 | Labore | 31 | 29 | 1,540 | 931 | 55 | 205 | 526 | 1,717 | 766 | 99 |
| 15 | Amritsar | 15 | 13 | 1,047 | 86 | 57 | 118 | 257 | 365 | 217 | 34 |
| 16 | Gurdaspur | 25 | 11 | 2,255 | 33 | 18 | 41 | 28 | 152 | 67 | 5 |
| 17 | Sialkot | 22 | 10 | 2,355 | 21 | 3 | 2 | 43 | 81 | 41 | 3 |
| 18 | Gujranwala | 23 | 10 | 1,339 | 60 | 1 | 19 | 79 | 281 | 172 | 14 |
| | RAWALPINDI DIVISION. | | | | | | | | | | |
| 19 | Gujrat | 14 | 2 | 1,340 | 2 | ... | ... | 6 | 24 | 4 | ... |
| 20 | Shahpur | 24 | 6 | 794 | 19 | 4 | ... | ... | 43 | 43 | 13 |
| 21 | Jhelum | 14 | 6 | 876 | 16 | 43 | 35 | 11 | 12 | 62 | 12 |
| 22 | Rawalpindi | 13 | 6 | 1,195 | 28 | 60 | 44 | 96 | 76 | 31 | 3 |
| 23 | Attock | 13 | 2 | 621 | 2 | ... | ... | ... | 30 | 34 | 2 |
| | MOOLTAN DIVISION. | | | | | | | | | | |
| 24 | Mianwali | 20 | 4 | 431 | 7 | ... | ... | ... | 3 | 24 | 5 |
| 25 | Jhang | 13 | 9 | 999 | 60 | 5 | 31 | 89 | 74 | 91 | 26 |
| 26 | Lyallpur | 16 | 12 | 938 | 107 | 65 | 217 | 205 | 417 | 250 | 25 |
| 27 | Mooltan | 21 | ... | 1,357 | ... | ... | ... | ... | ... | ... | ... |
| 28 | Muzaffargarh | 18 | ... | 704 | ... | ... | ... | ... | ... | ... | ... |
| 29 | Dera Ghazi Khan | 22 | ... | 718 | ... | ... | ... | ... | ... | ... | ... |
| | Total for the Province ... | 551 | 267 | 32,834 | 2,436 | 1,173 | 3,130 | 7,407 | 10,459 | 4,711 | 662 |

No. XII.

OF THE PUNJAB DURING EACH MONTH OF THE YEAR 1908.

| | | | | | | 6 | | | 7 | | | 8 | 9 |
|-------|---------|------------|----------|-----------|-----------|--------|----------|--------|---|----------|--------|--|---------|
| | | | | | | TOTAL. | | | RATIO OF DEATHS PER 1,000 OF POPULATION. | | | Mean ratio per 1,000 for pre- vious five years. | Number. |
| July. | August. | September. | October. | November. | December. | Males. | Females. | Total. | Males. | Females. | Total. | | |
| 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 |
| ... | ... | 16 | ... | 1 | ... | 258 | 274 | 532 | 0.62 | 0.75 | 0.68 | 6.71 | 1 |
| ... | ... | ... | ... | ... | 27 | 861 | 761 | 1,622 | 2.58 | 2.56 | 2.57 | 23.73 | 2 |
| ... | ... | ... | ... | ... | 50 | 2,205 | 2,835 | 5,040 | 5.65 | 7.97 | 6.75 | 12.45 | 3 |
| ... | ... | ... | ... | ... | ... | 926 | 1,168 | 2,094 | 2.50 | 3.69 | 3.05 | 5.52 | 4 |
| ... | ... | ... | 3 | ... | 5 | 1,266 | 1,365 | 2,631 | 2.64 | 3.38 | 2.98 | 7.43 | 5 |
| ... | ... | ... | ... | 2 | ... | 271 | 269 | 540 | 0.65 | 0.78 | 0.71 | 19.33 | 6 |
| ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 0.04 | 7 |
| ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 0.06 | 8 |
| 4 | 1 | 9 | 11 | 98 | 326 | 649 | 655 | 1,304 | 1.23 | 1.41 | 1.32 | 17.16 | 9 |
| ... | ... | ... | ... | ... | ... | 35 | 26 | 61 | 0.07 | 0.06 | 0.07 | 27.29 | 10 |
| 2 | 1 | 160 | 290 | 213 | 169 | 2,322 | 2,405 | 4,727 | 6.29 | 7.91 | 7.02 | 28.37 | 11 |
| 1 | ... | 37 | 249 | 503 | 430 | 1,591 | 1,590 | 3,181 | 3.14 | 3.74 | 3.41 | 16.37 | 12 |
| 1 | ... | ... | ... | 33 | 23 | 371 | 423 | 794 | 1.41 | 1.88 | 1.63 | 3.06 | 13 |
| 6 | 13 | 4 | 8 | 46 | 63 | 1,901 | 1,607 | 3,508 | 3.02 | 3.11 | 3.06 | 23.78 | 14 |
| 2 | ... | ... | ... | ... | 2 | 528 | 524 | 1,052 | 0.94 | 1.13 | 1.03 | 21.87 | 15 |
| 2 | ... | ... | ... | ... | ... | 156 | 157 | 313 | 0.31 | 0.37 | 0.33 | 24.94 | 16 |
| ... | ... | ... | ... | ... | 5 | 92 | 86 | 178 | 0.16 | 0.17 | 0.17 | 28.71 | 17 |
| ... | ... | ... | 11 | 50 | 37 | 346 | 318 | 664 | 0.71 | 0.78 | 0.75 | 41.13 | 18 |
| ... | ... | ... | ... | ... | ... | 17 | 17 | 34 | 0.04 | 0.05 | 0.05 | 28.50 | 19 |
| ... | ... | 2 | 7 | 7 | 41 | 79 | 81 | 160 | 0.29 | 0.32 | 0.31 | 28.80 | 20 |
| ... | ... | ... | 1 | ... | ... | 79 | 97 | 176 | 0.32 | 0.39 | 0.35 | 15.25 | 21 |
| ... | ... | ... | ... | ... | ... | 157 | 153 | 310 | 0.58 | 0.62 | 0.60 | 9.83 | 22 |
| ... | ... | ... | ... | ... | ... | 25 | 41 | 66 | 0.10 | 0.19 | 0.14 | 3.51 | 23 |
| ... | ... | ... | ... | ... | ... | 19 | 13 | 32 | 0.08 | 0.06 | 0.08 | 0.05 | 24 |
| ... | ... | 15 | 27 | 16 | 52 | 238 | 188 | 426 | 0.91 | 0.83 | 0.87 | 2.68 | 25 |
| 1 | ... | 1 | 14 | 14 | 54 | 622 | 641 | 1,263 | 2.06 | 2.91 | 2.42 | 4.98 | 26 |
| ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 0.05 | 27 |
| ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 0.02 | 28 |
| ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 0.23 | 29 |
| 19 | 15 | 244 | 621 | 983 | 1,284 | 15,014 | 15,694 | 30,708 | 1.39 | 1.69 | 1.53 | 16.2 | |

STATEMENT No. I.

STATEMENT SHOWING THE NUMBER OF PLAGUE CASES AND DEATHS, BY MONTHS, REPORTED
IN BRITISH DISTRICTS AND IN NATIVE STATES IN THE PUNJAB FOR 1908.

STATEMENT

STATEMENT SHOWING THE NUMBER OF PLAGUE CASES AND DEATHS REPORTED BY DISTRICTS

| Serial No. | DISTRICTS. | | | | | | JANUARY. | | FEBRUARY. | | MARCH. | | APRIL. | | MAY. | | JUNE. | |
|------------------|-----------------|-----|-----|-----|-----|-----|----------|---------|-----------|---------|--------|---------|--------|---------|--------|---------|--------|---------|
| | | | | | | | Cases. | Deaths. | Cases. | Deaths. | Cases. | Deaths. | Cases. | Deaths. | Cases. | Deaths. | Cases. | Deaths. |
| 1 | 2 | | | | | | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 |
| 1 | Hissar | ... | ... | ... | ... | ... | 267 | 70 | 210 | 104 | 195 | 168 | 159 | 132 | 58 | 44 | 3 | 3 |
| 2 | Rohtak | ... | ... | ... | ... | ... | 278 | 229 | 401 | 342 | 470 | 376 | 618 | 472 | 166 | 166 | 16 | 16 |
| 3 | Gurgaon | ... | ... | ... | ... | ... | 202 | 205 | 805 | 763 | 2,130 | 2,102 | 1,546 | 1,537 | 352 | 356 | 27 | 27 |
| 4 | Delhi | ... | ... | ... | ... | ... | 165 | 130 | 566 | 443 | 955 | 707 | 732 | 668 | 219 | 144 | 2 | 2 |
| 5 | Karnal | ... | ... | ... | ... | ... | 131 | 129 | 243 | 229 | 673 | 670 | 975 | 975 | 499 | 499 | 119 | 119 |
| 6 | Ambala | ... | ... | ... | ... | ... | 26 | 22 | 28 | 19 | 159 | 120 | 292 | 274 | 90 | 89 | 13 | 13 |
| 7 | Simla | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| 8 | Kangra | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| 9 | Hoshiarpur | ... | ... | ... | ... | ... | 46 | 46 | 136 | 136 | 210 | 191 | 256 | 212 | 202 | 199 | 40 | 40 |
| 10 | Jullundur | ... | ... | ... | ... | ... | ... | ... | 4 | 3 | 13 | 9 | 89 | 30 | 27 | 16 | 2 | 3 |
| 11 | Ludhiana | ... | ... | ... | ... | ... | 23 | 23 | 276 | 201 | 790 | 772 | 2,454 | 1,679 | 2,230 | 1,035 | 249 | 181 |
| 12 | Ferozepore | ... | ... | ... | ... | ... | 11 | 6 | 71 | 57 | 281 | 215 | 1,201 | 947 | 991 | 617 | 172 | 137 |
| 13 | Montgomery | ... | ... | ... | ... | ... | 59 | 57 | 104 | 86 | 273 | 229 | 375 | 250 | 103 | 81 | 24 | 38 |
| 14 | Lahore | ... | ... | ... | ... | ... | 63 | 55 | 236 | 205 | 578 | 526 | 1,890 | 1,717 | 900 | 766 | 170 | 99 |
| 15 | Amritsar | ... | ... | ... | ... | ... | 57 | 57 | 118 | 118 | 257 | 257 | 365 | 365 | 217 | 217 | 35 | 34 |
| 16 | Gurdaspur | ... | ... | ... | ... | ... | 10 | 10 | 28 | 28 | 16 | 14 | 203 | 182 | 107 | 70 | 8 | 8 |
| 17 | Sialkot | ... | ... | ... | ... | ... | 8 | 5 | 10 | 5 | 21 | 16 | 67 | 67 | 66 | 64 | 9 | 9 |
| 18 | Gujranwala | ... | ... | ... | ... | ... | 6 | 1 | 25 | 19 | 106 | 83 | 234 | 222 | 175 | 164 | 5 | 5 |
| 19 | Gujrat | ... | ... | ... | ... | ... | ... | ... | 3 | 1 | 5 | 5 | 23 | 23 | 6 | 5 | ... | ... |
| 20 | Shahpur | ... | ... | ... | ... | ... | 5 | 4 | ... | ... | ... | ... | 71 | 43 | 64 | 43 | 18 | 13 |
| 21 | Jhelum | ... | ... | ... | ... | ... | 44 | 43 | 38 | 35 | 13 | 11 | 12 | 12 | 62 | 62 | 12 | 13 |
| 22 | Rawalpindi | ... | ... | ... | ... | ... | 59 | 60 | 44 | 44 | 111 | 96 | 56 | 60 | 56 | 47 | 3 | 3 |
| 23 | Attock | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 4 | 4 | 60 | 60 | 2 | 2 |
| 24 | Mianwali | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 5 | 4 | 29 | 22 | 8 | 7 |
| 25 | Lyallpur | ... | ... | ... | ... | ... | 161 | 107 | 312 | 193 | 239 | 130 | 545 | 371 | 624 | 369 | 79 | 74 |
| 26 | Jhang | ... | ... | ... | ... | ... | 11 | 5 | 39 | 33 | 102 | 87 | 100 | 74 | 90 | 91 | 26 | 26 |
| 27 | Multan | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1 | ... | ... | ... | ... | ... | ... | ... |
| 28 | Muzaffargarh | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| 29 | Dera Ghazi Khan | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Total | | | | | | | 1,632 | 1,266 | 3,697 | 3,064 | 7,598 | 6,784 | 12,272 | 10,320 | 7,393 | 5,226 | 1,042 | 872 |
| NATIVE STATES. | | | | | | | | | | | | | | | | | | |
| 1 | Patiala | ... | ... | ... | ... | ... | 190 | 146 | 475 | 409 | 1,393 | 1,029 | 1,757 | 1,360 | 2,180 | 2,176 | 208 | 205 |
| 2 | Kapurthala | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| 3 | Malerkotla | ... | ... | ... | ... | ... | 35 | 26 | 133 | 114 | 577 | 568 | 583 | 535 | 33 | 33 | ... | ... |
| 4 | Faridkot | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| 5 | Kalsia | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| 6 | Jind | ... | ... | ... | ... | ... | 33 | 29 | 87 | 57 | 345 | 187 | 298 | 185 | 157 | 96 | 7 | 5 |
| 7 | Nabha | ... | ... | ... | ... | ... | ... | ... | 10 | 10 | 137 | 137 | 362 | 354 | 82 | 82 | 15 | 15 |
| 8 | Nalagarh | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| 9 | Bahawalpur | ... | ... | ... | ... | ... | 24 | 16 | 65 | 55 | 27 | 25 | 19 | 7 | 9 | 3 | ... | ... |
| 10 | Dujana | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Total | | | | | | | 282 | 217 | 770 | 645 | 2,479 | 1,964 | 3,019 | 2,491 | 2,461 | 2,390 | 230 | 225 |
| PROVINCIAL TOTAL | | | | | | | 1,914 | 1,483 | 4,467 | 3,709 | 10,077 | 8,730 | 15,291 | 12,811 | 9,854 | 7,616 | 1,272 | 1,097 |

No. I.

AND NATIVE STATES IN THE PUNJAB FOR THE YEAR 1908.

| JULY. | | AUGUST. | | SEPTEMBER. | | OCTOBER. | | NOVEMBER. | | DECEMBER. | | TOTAL. | | Inoculations formed. | Serial No. |
|--------|---------|---------|---------|------------|---------|----------|---------|-----------|---------|-----------|---------|--------|---------|-------------------------|------------|
| Cases. | Deaths. | Cases. | Deaths. | Cases. | Deaths. | Cases. | Deaths. | Cases. | Deaths. | Cases. | Deaths. | Cases. | Deaths. | | |
| 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 |
| ... | ... | ... | ... | ... | ... | 4 | 4 | ... | ... | ... | ... | 896 | 525 | 20 | 1 |
| ... | ... | ... | ... | ... | ... | 10 | 2 | ... | ... | 50 | 24 | 2,009 | 1,627 | 834 | 2 |
| ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 50 | 50 | 5,112 | 5,040 | 1,017 | 3 |
| ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 2,639 | 2,094 | 2,456 | 4 |
| 3 | 3 | 1 | ... | ... | ... | 2 | 2 | ... | ... | 5 | 5 | 2,651 | 2,631 | 136 | 5 |
| 1 | 1 | ... | ... | ... | ... | ... | ... | 2 | 2 | ... | ... | 611 | 540 | 1,045 | 6 |
| ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 7 |
| ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 8 |
| 5 | 5 | 6 | 2 | 5 | 5 | 12 | 12 | 130 | 130 | 326 | 326 | 1,374 | 1,304 | 2,221 | 9 |
| ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 135 | 61 | 5,085 | 10 |
| 2 | 2 | 1 | 1 | 176 | 160 | 292 | 290 | 244 | 213 | 169 | 169 | 6,906 | 4,726 | 2,811 | 11 |
| ... | ... | ... | ... | 34 | 16 | 186 | 167 | 424 | 403 | 569 | 614 | 3,940 | 3,181 | 6,673 | 12 |
| ... | ... | ... | ... | ... | ... | ... | ... | 10 | 2 | 57 | 51 | 1,005 | 794 | 2,466 | 13 |
| 13 | 6 | 14 | 13 | 4 | 4 | 12 | 8 | 62 | 46 | 79 | 63 | 4,021 | 3,508 | 1,914 | 14 |
| 2 | 2 | ... | ... | ... | ... | ... | ... | ... | ... | 2 | 2 | 1,053 | 1,052 | 8,727 | 15 |
| ... | ... | 1 | 1 | ... | ... | ... | ... | ... | ... | ... | ... | 373 | 313 | 10,468 | 16 |
| ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 26 | 10 | 207 | 176 | 240 | 17 |
| ... | ... | ... | ... | ... | ... | 17 | 12 | 51 | 46 | 40 | 37 | 659 | 589 | 3,669 | 18 |
| ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 37 | 34 | 1,613 | 19 |
| ... | ... | ... | ... | 2 | 2 | 16 | 7 | 18 | 7 | 57 | 41 | 251 | 160 | 23 | 20 |
| ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 181 | 176 | 139 | 21 |
| ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 329 | 310 | 411 | 22 |
| ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 66 | 66 | ... | 23 |
| ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 42 | 33 | ... | 24 |
| 4 | 4 | ... | ... | ... | ... | 16 | 14 | 38 | 24 | 28 | 30 | 2,046 | 1,316 | 1,189 | 25 |
| ... | ... | ... | ... | 19 | 15 | 36 | 27 | 20 | 16 | 56 | 52 | 499 | 426 | ... | 26 |
| ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1 | ... | ... | 27 |
| ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 28 |
| ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 2 | 29 |
| 30 | 23 | 23 | 17 | 240 | 202 | 603 | 545 | 999 | 889 | 1,514 | 1,474 | 37,043 | 30,682 | 53,159 | |
| 2 | 1 | ... | ... | 56 | 45 | 289 | 271 | 609 | 494 | 491 | 404 | 7,650 | 6,540 | 470 | 1 |
| ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1,361 | 1,326 | ... | 2 |
| ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 3 |
| ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 4 |
| ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 5 |
| ... | ... | ... | ... | ... | ... | ... | ... | 27 | 17 | 98 | 72 | 1,052 | 648 | ... | 6 |
| ... | ... | ... | ... | 36 | 36 | 49 | 49 | 52 | 52 | 72 | 69 | 815 | 804 | ... | 7 |
| ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 144 | 106 | ... | 8 |
| ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 9 |
| ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 10 |
| 2 | 1 | ... | ... | 92 | 81 | 338 | 320 | 688 | 563 | 661 | 545 | 11,022 | 9,424 | 470 | |
| 32 | 24 | 23 | 17 | 332 | 283 | 941 | 865 | 1,687 | 1,452 | 2,175 | 2,019 | 48,065 | 40,106 | 53,629 | |

